



What is Cyber Crime Investigation?

Cyber Crime costs the world more than Rs. 57,000,000,000,000 every year. Companies and Governments need skilled digital forensic investigators to contain this US \$ 114 billion annual cost.

Cyber Crime Investigation is the collecting, analyzing and investigation of digital evidence and cyber trails.

This digital evidence may be found in computer hard disks, cell phones, ipods, pen drives, digital cameras, CDs, DVDs, computer networks, the Internet etc.

Digital evidence can be hidden in pictures (steganography), encrypted files, password protected files, deleted files, formatted hard disks, deleted emails, chat transcripts etc.

Digital evidence can relate to online banking frauds, online share trading fraud, source code theft, credit card fraud, tax evasion, virus attacks, cyber sabotage, phishing attacks, email hijacking, denial of service, hacking, divorce cases, murder cases, organized crime, terrorist operations, defamation, pornography, extortion, smuggling.

What does a Cyber Crime Investigator do?

- + Performs forensic analysis of digital information using computer forensics & evidence handling techniques.
- + Uses forensically sound procedures to identify network computer intrusion evidence and identifies perpetrators.
- + Employs forensic tools and techniques to identify and examine malicious files.
- + Employs forensic tools and techniques to crack file and system passwords.
- + Detects steganography and recovers deleted, fragmented and corrupted data from digital media of all types.
- + Observes proper evidence custody and control procedures.
- + Documents procedures and findings in a manner suitable for courtroom presentation and prepares comprehensive written notes and reports.



Outline of workshop

Session	Format	Prior Knowledge	Outcome
Cyber crime - global scenario From war driving to embedded malware, this session will introduce participants to the various types of cyber crimes and hacking attacks prevalent around the world.	+ Presentation + Discussion	No prior knowledge is required	After this session, you will have an understanding of the major cyber crimes related terms as well as the various types of cyber crimes and hacking attacks prevalent around the world.
Live Web Hacking Case - attack, investigation & security This session begins with a live demonstration of an attack on a website hosted on a secured Linux server. The attack leads to the website being defaced. In the second part of the session, the attack is investigated to trace the hacker. The code is also analyzed to identify the vulnerability that was misused by the hacker. In the last part of the session, the website code is modified to prevent the occurrence of the attack.	+ Presentation + Demonstration + Practical + Discussion	No prior knowledge is required	After this session, you will have an understanding of how a small vulnerability in the program code of a website can lead to a major attack on the website. You will also understand how to check websites for these kinds of vulnerabilities.
Spoofing Attacks This session covers web spoofing, DNS spoofing, email spoofing and SMS spoofing. Web spoofing occurs when a user types in a url in his browser (eg facebook.com) but a different website opens up (eg hackme.com). The address bar of the browser will show facebook.com, but the actual website will be hackme.com !! Email spoofing allows a person to send an email that appears to come from someone else's email account.	+ Presentation + Demonstration + Practical + Discussion	No prior knowledge is required	After this session, you will be able to carry out various spoofing attacks such as web spoofing, DNS spoofing, email spoofing and SMS spoofing. This knowledge will enable you to understand how these attacks are misused by criminals. You will then be in a position to develop methods to prevent such attacks from causing harm and loss to you and your organization.

<p>SMS spoofing allows a person to send an SMS that appears to come from someone else's email phone number.</p> <p>Spoofing attacks are misused by criminals to steal passwords and bank credentials.</p>			
<p>Applied Cryptography</p> <p>This session covers demonstrations and practical hands-on sessions on symmetric encryption, asymmetric encryption, file encryption, disk encryption as well as full disk encryption.</p> <p>It also covers demonstrations and practical hands-on sessions on steganography and file camouflage techniques.</p>	<p>+ Presentation + Demonstration + Practical + Discussion</p>	<p>No prior knowledge is required</p>	<p>After this session, you will be able to use software for symmetric encryption, asymmetric encryption, file encryption, disk encryption, full disk encryption, steganography and file camouflage techniques.</p>
<p>Cyber Forensics & Cyber Crime Investigation</p> <p>This session covers the core issues of cyber crime investigation and cyber forensics such as password breaking, mathematical authentication of digital evidence, recovery of deleted files and basic web investigation.</p>	<p>+ Presentation + Demonstration + Practical + Discussion</p>	<p>No prior knowledge is required</p>	<p>After this session, you will be able to carry out password breaking, mathematical authentication of digital evidence, recovery of deleted files and basic web investigation.</p>
<p>Cyber Law</p> <p>This session covers the Indian law relating to hacking, malware, pornography, software and music piracy etc.</p>	<p>+ Presentation + Discussion</p>	<p>No prior knowledge is required</p>	<p>After this session, you will understand the Indian law relating to hacking, malware, pornography, software and music piracy as well as the powers of the police and the adjudication system for cyber crime cases.</p>



Cyber Tribe



Cyber Tribe (born 1999)

*Soaring temperatures,
shots of espressos
and four bright young minds.*

That's what led to the birth of CyberTribe in 1999 - a revolution with a mission to empower the citizens of the world through cyberspace.

Cyber Tribe consists of 10 organizations -

It was in the year 2000 that **Asian School of Cyber Laws** was born in India, a few months before the landmark Information Technology Act was passed.

Then came **TechJuris Law Consultants**, a dynamic law firm specializing in technology laws, digital evidence, technology contracts and Internet based businesses.

As the face of cyber law changed to make it an inseparable part of other facets of law, **ASCL Law School** emerged introducing students and professionals to the progressive face of financial and corporate law.

Very soon, the IT industry witnessed explosive growth. Corporates felt the need for cutting edge consultancy in Digital Evidence Analysis and Incident Response. Thus was born, **Data64 Techno Solutions Pvt. Ltd.**, incubated by Science and Technology Park, a STEP promoted by the Department of Science & Technology, Government of India.

Led, as we were, in the right direction by social changes, the inclusion of computers in the lives of children brought forth the need for life skills for youngsters. **Republic of Cyberia**, a virtual nation for youngsters, created to promote life skills above and beyond conventional education - announced its birth.

Association of Digital Forensic Investigators has been created as a member driven organization to develop and design standards and best practices for all areas of digital forensic investigation.

Security Standards and Controls Development Organization (SSCDO) has been created to develop and disseminate open source standards for cyber security.

Corporate Crime Control Organization (CCCO) has been created to assist the industry in handling corporate crime.

Lexcode Regulatory Compliance Technologies Pvt. Ltd. was established in 2011 to develop high-quality technological solutions for legal compliance.

Data64 Technologies Pvt. Ltd was established in 2012 to handle all Cyber Tribe operations in Mumbai and Gujarat.

Some of our achievements

ASCL Computer Crime & Abuse Report (India) is the only study of its kind quoted by the United Nations in its E-commerce & Development Report (2003).



This third edition of the E-Commerce and Development Report, published by the United Nations Conference on Trade and Development, identifies some of the implications that the growth of the digital economy may have for developing countries.

Relevant extract from the report:

Studies based on reported security incidents assess internal threats as being as severe as external ones.

For example, the Asian School of Cyber Laws study Computer Crime and Abuse Report 2001–02 for India showed that over half of the reported incidents were traced to employees (21 per cent) or former employees (31 per cent).

In the end, the question of IT security at the firm level is much more a managerial problem than a technical one.

It has to do with how penetrable the enterprise wants its business processes to be and how risk management is integrated into those processes.

Management must decide what balance to strike between the benefits of open, collaborative business processes and the risks that greater exposure entails.

The UN Report is available at:
www.asianlaws.org/aboutus/ecdr.pdf

The ASCL Computer Crime and Abuse Report (2001-02) is available at:
www.asianlaws.org/aboutus/report.pdf

Federal Republic of Germany

We were invited to make a presentation on "Indian Legal Position on Cyber Terrorism, Encryption and Preventive Measures", on behalf of the Karnataka Police, for Otto Schily, Interior Minister, Federal Republic of Germany.



Extract from the letter of appreciation issued by Dr. P S Ramanujam, Director General of Police, Corps of Detectives, Training, Special Units & Economic Offences, Karnataka to Rohas Nagpal, President, Asian School of Cyber Laws.

We thank you for your kind presence on the occasion of the visit of high level German delegation headed by Shri Otto Schilly, Hon'ble Interior Minister of the Federal Republic of Germany to the Cyber Crime Police Station, Bangalore on October 30 2001.

The observations put forth by you on the Indian Legal position on Cyber terrorism, on encryption issues and the preventive measures that are available were highly appreciated by the delegation.

We thank you for your excellent presentation.

The digital version of this letter can be downloaded from:
www.asianlaws.org/aboutus/germany.pdf

Malaysia

We have conducted training programs on Cyber Crime Investigation, Incident Response and Cyber Forensics for senior Government and Police officials from Malaysia.



Extract from an article in the Indian Express dated APRIL 30, 2004 titled Pune beats IT peers in fixing cyber crimes - From corporate America to Mauritius, there is a beeline to ASCL for training:

Bangalore may have taken the tag of India's Silicon Valley and Hyderabad would have rechristened itself as cyberabad, but when it comes to fixing the cyber crimes, Pune seems to have taken the lead over its illustrious peers.

Pune would not have made it to the global infotech map for its code - writing abilities, but when it comes to tackling cyber crimes, it is the preferred destination even for Corporate America.

For, the Asian School of Cyber Laws (ASCL) - an institution involved in education, training and consultancy in cyber laws and crime detection - has set up its base here.

Savour this: Last year, a team of Malaysian government officials undertook training in cyber laws and cyber crime investigation at this institution.

That is not all to it. Corporate America followed by its counterparts from the United Kingdom and Hong Kong have all been visiting the city to get trained at ASCL.

The digital version of this article is at:
www.asianlaws.org/aboutus/malaysia.pdf

Some of our achievements

We are a global leader in training in cyber crime investigation and cyber forensics



Extract from an article titled "Shaolin of Cybercrime fighters" published in Times of India:

The city seems to be fast becoming the final answer to Asia's quest for low-cost training in cyber-crime.

While a five member team of police officials from Mauritius is undergoing a special, month-long course in cyber crime investigation, a few months ago, a four-member state team from Malaysia attended a two-week crash course at the city-based Asian School of Cyber laws (ASCL).

Another team from Mauritius is expected soon, said Gaurav Sharma, head of education and consultancy at the ASCL.

*During the last year alone, around 140 individual and corporate sponsored students from **Japan, Korea, China, Singapore, Malaysia, Hong-Kong and Mauritius** among other countries have taken correspondence courses from the ASCL, to learn about cyber crimes.*

In all, 3,000 students took courses from the ASCL so far, of whom 600 are foreigners.

In July-August, nearly 150 individual and corporate sponsored students from various Asian countries are expected to train at the institute.

Rohas Nagpal, president, ASCL, said his institute offered courses in both cyber crime investigation and cyber laws.

In the last one year, the school has been working closely with the Union ministry of IT and communications.

It even helped the ministry frame rules under the IT Act 2000, besides drafting the code of conduct for cyber cafes in the country.

Ever since it was founded in 1999 by a group of lawyers working in the field of information security, the ASCL has been assisting law enforcement agencies in India and many Asian countries in the investigation of multi million dollar cyber crimes.

These crimes involve cyber terrorism, cyber forgery and attacks on health related IT systems. The \$1.5 million Bangalore source code case and the Gian Carla Balestra case of cyber stalking are among the dozens of cases the school has helped crack.

In view of the growing use of the internet and various IT initiatives taken up by countries like China, Thailand, Malaysia, Taiwan and the Philippines, there is a growing need for local officials in these countries to understand the implications and improve their skills in handling related crime, said Sharma.

The training programme addresses issues such as investigation of email crimes, hacking attacks, denial of service attacks, tracking viruses, web - jacking and web defacement, network crimes, cyber terrorism and false authentication using digital signatures etc. A special module on ethical hacking is also to be included. The school is also looking at working in the US and Europe as well.

Among its future plans is developing best practices in cyber crime investigation for law enforcement agencies and evolving common standards, at least for Asian countries.

The digital version of this article is at:
www.asianlaws.org/aboutus/shaolin.pdf



We have assisted the **Indian Army**, various branches of the **Indian police** and the **Central Bureau of Investigation** in matters relating to cyber investigation.

Some of the relevant reference letters can be downloaded in digital form from:
www.asianlaws.org/aboutus/army.pdf
www.asianlaws.org/aboutus/cbi.pdf
www.asianlaws.org/aboutus/blr.pdf
www.asianlaws.org/aboutus/kp.pdf

We have conducted training programs on Cyber Crime Investigation, Incident Response and Cyber Forensics for senior Government and Police officials from **Mauritius**.



In May 2011, the Mauritius Bar Association, together with the Association of Magistrates, invited Mr Debasis Nayak, Director, Asian School of Cyber Laws, at the seat of the Bar Council to provide "an overview of Cyber law in Mauritius with emphasis on evidentiary aspects of cybercrime."

In his introductory note, His Honour Patrick Kam Sing, Vice-President of the Inter-mediate Court (Civil Side), laid emphasis on the threat imposed by Cybercrime and the fact that it is difficult to secure a conviction given the transnational nature of such offences.

The Monthly Legal Update Newsletter dated June 2011 issued by the Office of the Director Of Public Prosecutions, Mauritius is available in digital form at:
www.asianlaws.org/aboutus/mba.pdf

We have also conducted a high end training program at Accra, Ghana. Former Deputy Minister of Communication Hon. Gideon Kwame Boye Quarcoo was the guest of honour.

Some of our achievements

World Congress on Informatics and Law

We were part of the Organizing Committee for the World Congress on Informatics and Law at:

- Spain (2002)
- Cuba (2003)
- Peru (2004)



World Congress For Informatics And Law II was held in Madrid, Spain in 2002.

The Honorary President of the World Congress was His Royal Highness the Prince of Asturias.

World Congress II was the continuation of World Congress I, held in Quito (Equador), 15-18 October 2001, under the auspices of the State of Equator, represented by H.E. Vice President Pedro Pinto, who chaired the inaugural session.

During this Congress, a paper titled Cyber Terrorism in the context of Globalization was presented by Rohas Nagpal, President, Asian School of Cyber Laws.

This was one of the first papers in the world that defined the term cyber terrorism. The definition was -

Cyber terrorism is the premeditated use of disruptive activities, or the threat thereof, in cyber space, with the intention to further social, ideological, religious, political or similar objectives, or to intimidate any person in furtherance of such objectives.

The digital version of this paper is at:
www.asianlaws.org/aboutus/spain.pdf

Government of India

We have assisted the **Government of India** in framing draft rules and regulations under the Information Technology Act and drafting model rules for the functioning of Cyber Cafes and drafting the Information Age Crimes Act.



We have assisted the **Controller of Certifying Authorities** in drafting regulations relating to the recognition of foreign certifying authorities.

We have also provided academic support to the National Consultation meeting on Enforcement of Cyber Law held at New Delhi on 31st January 2010.

This meeting was organized by National Project Committee on Enforcement of Cyber Law (**Supreme Court of India**) in association with Cyber Appellate Tribunal, Ministry of Communication & Information Technology, Department of Information Technology, Government of India and National Legal Services Authority (NALSA).

A public interest litigation filed by our students led to the **appointment of Adjudicating Officers** to decide the fate of cyber crime cases.

The Bombay high court directed the Union government to expedite the process of appointing enforcement authorities as per the information technology (IT) Act, 2000, so that aggrieved persons can get their grievances settled.

The Bombay High Court bench comprising Chief Justice A.P. Shah and Justice Ranjana Desai gave this order while hearing a public interest litigation (PIL) filed by Nupur Jain and other students of Asian School of Cyber Laws.

Vishal Kumar, Director (Academics), Asian School of Cyber Laws was a member of Sub-group on E-Security under working group on Information Technology Sector for the formulation of the **Twelfth Five Year Plan** (2012 -17) Government of India., New Delhi – India

Department of Information Technology, as per the recommendation of Working Group on Information Technology Sector has constituted a Sub Group on E-Security on 4th July 2011 to make the recommendations on various policy matters related to E-Security area for formulation of the Twelfth Five Year Plan (2012 -2017).

Extract of letter from S Lakshinarayanan, IAS, Additional Secretary, Ministry of Communications and IT, Government of India :

As you are already associated with this department's activity of 'Framing draft rules and regulations under Information Technology Act 2000' and Information Age Crimes Act' you are aware of Government of India's IT Act 2000 and the various steps taken to formulate rules and regulations to curb cyber crime, anti national activities etc., especially through Internet, Cyber Cafe's spread over in several metros, cities and towns.

It is felt that the expertise of your institution on the subject could benefit the Government of India for formulating a national level model of rules and regulations.

The digital version of this letter is at:
www.asianlaws.org/aboutus/mit.pdf

Also see:
www.asianlaws.org/aboutus/rs.pdf
www.asianlaws.org/aboutus/dit.pdf
www.asianlaws.org/aboutus/sc.pdf
www.asianlaws.org/aboutus/ao.pdf

Some of our achievements

We have conducted training programs for **income tax officials at the National Academy of Direct Taxes**, Nagpur (a Central Institute of the Ministry Of Finance) and its unit at Lucknow - the **Direct Taxes Regional Training Institute**.

We have conducted training programs for **police officials at the National Police Academy, Hyderabad** (which trains officers of the Indian Police Service) and Sher-I-Kashmir Police Academy.

We have conducted training programs for **bank officials at the National Institute of Bank Management, Pune** (an autonomous apex institution set up by the Reserve Bank of India, in consultation with the Government of India).

We have conducted training programs for **insurance officials at the National Insurance Academy, Pune**.

We have also conducted training programs for the **Securities and Exchange Board of India**.

We have also conducted training programs for **Yashwantrao Chavan Academy of Development Administration (YASHADA)**, which is the Administrative Training Institute of the Government of Maharashtra.

We have also conducted training programs for the **Vaikunth Mehta National Institute of Cooperative Management (VAMNICOM)**, an Institution of National Council for Cooperative Training, New Delhi.

We have conducted cyber law workshops under the guidance and supervision of the office of the Chairperson, **Cyber Appellate Tribunal**, New Delhi (established under the Information Technology Act).



We have trained employees of Bank of India and HSBC (one of the world's largest banking and financial services organisations).

We were invited to conduct a session on cyber security for Defence Institute of Advanced Technology (DIAT), previously called Institute of Armament Technology (IAT), a Deemed University specializing in Armament Technologies.

We have conducted workshops for corporates such as Mahindra British Telecom, National Stock Exchange, Kanbay, Finolex, GCCI, MCCIA, Tata Consultancy Services, Patni Computer Systems, Cognizant, Facor, Thermax, Mastek Limited, CSI, DiPurba Consulting- Malaysia, Microline, Bit- Tech, Datamatics, Growel Softech, Iopsis, VAIDS, Synel, Resonance, Rishabh Software, Seed Infotech, NIIT, Delphi, Concourse, I2IT, IHNS2.

We have conducted workshops for educational institutions such as Banaras Hindu University, ILS Law College, Government Law College (Mumbai), Nagpur University, Bangalore Institute of Legal Studies, Bharti Vidyapeeth University, Sri Venkateswara University, Surendra Nath Law College, M.G.Kashi Vidyapith University, Hazra Law College (Kolkata), Jogeshchandra Choudhury Law College, Jadhavpur University, YC Law College, Amravati College of Management, Amravati University, V.M. Salgaocar Law College.

Our Computer Emergency Response Team has handled thousands of cyber crime cases.



Law enforcement personnel in India and abroad extensively use our **Cyber Crime Investigation Manual**.

This was one of the first of its kind manuals in the world. Times of India (the world's largest selling English newspaper) has referred to it as a **bible for Cyber Crime Investigators**.



We have published the first-of-its-kind **Commentary on the Information Technology Act**.



We organize CyberAttack - a national conference on cyber crime & security.

CyberAttack is usually held in India (Delhi, Mumbai, Pune & Hyderabad) as well as Mauritius.

Dr. Gulshan Rai, Director General, Indian Computer Emergency Response Team, Government of India inaugurated the 2011 conference at Pune. He also delivered the key note address.

We were invited to talk on "International and National Legal Implications of Operations in Cyber Space" at Cyber Security India 2011 - India's Only Dedicated Military Cyber Security Conference.

We conducted the world's first online moot court in 2002 adjudged by Hon'ble Ranganath Misra ex-chief Justice of Supreme Court of India, ex-National Human Rights Commission Chairman and ex-Rajya Sabha member.

We drafted the compromis, for the Philip C. Jessup International Law Moot Court Competition, 2002 (USA).

It is the world's largest moot court competition, with participants from over 500 law schools in more than 80 countries. Please see: www.asianlaws.org/aboutus/jessup.pdf

Some of our achievements

Some of our research publications



Internet Time Theft & the Indian Law - white paper prepared for the Corps of Detectives, Karnataka Police, September 2001.

Legislative Approach to Digital Signatures - paper presented at the First World Congress on Computer Law organized at Ecuador, October, 2001.

Legislative Approach to Digital Signatures - paper presented at the International Law Seminar organized by ISIL at New Delhi, India in October, 2001.

Indian Legal position on Cyber Terrorism, Encryption and preventive measures on behalf of the Karnataka Police for Otto Schily, Interior Minister, Federal Republic of Germany (30th October, 2001).

Defining Cyber Terrorism - paper submitted at the National Seminar on Human Rights and Terrorism on 9 and 10 March 2002 at Nagpur, India.

The mathematics of terror - paper submitted at the National Seminar on Human Rights and Terrorism on 9 and 10 March, 2002 at Nagpur, India.

Cyber Terrorism in the context of Globalisation - Paper presented at the UGC sponsored National Seminar on "Globalization and Human Rights" held on 7th - 8th September, 2002 at Mumbai, India.

Cyber Terrorism - A Global Perspective - Paper presented at the Second World Congress on Informatics and Law held at Madrid, Spain from 23rd - 27th September, 2002.

Internet Draft titled **Biometric based Digital Signature scheme** - which proposes a method of using biometrics to generate keys for use in digital signature creation and verification.

Intellectual property law and cyberspace - presented at the seminar on intellectual property rights conducted by the Department of Civics and Politics, University of Mumbai in 2006.

Thousands of students have benefitted from our free online programs in cyber law, intellectual property law, Cyber Crime Protection and Program Data Privacy Law in India.



We have conducted free "Cyber Smart" seminars and workshops for thousands of school children.



These programs were conducted under the Republic of Cyberia project in several schools in Pune and Mumbai including St. Mira's, Bhartiya Vidya Bhavan, St. Joseph's, Bishop's High School, St. Anne's, Dhirubhai Ambani International School, Ecole Mondiale World School, Blossoms School, JBCN International School, Hill Spring and SVKM International School.

These programs aim to make children CyberSmart so they understand the cyber threats facing them and their family.

Children are also taught how to protect themselves and their family from these threats. Finally, these programs teach children how to efficiently and effectively use cyber technology.



We developed the world's smallest cyber crime investigation device code-named pCHIP.

This Portable Mega Investigation & Forensic Solution is delivered in two versions - on a USB device and on a micro SD card.

It was released in August, 2010 by Hon'ble Justice Rajesh Tandon, who was then the Chairperson, Cyber Appellate Tribunal, New Delhi.

pCHIP runs from a USB drive / micro SD card without installation on the suspect PC. It captures relevant volatile evidence from a live (switched on) computer. It has an extremely easy-to-use interface and provides detailed reports.

Some of the features of pCHIP are:

1. The pCHIP retrieves crucial volatile digital evidence from the suspect computer and generates 38 reports at the click of a button.
2. The pCHIP can detect and list password protected & encrypted files on a suspect computer. It can also attack and crack hundreds of types of passwords.
3. At the click of a button, the pCHIP can generate a report containing the details of every USB device ever connected to the suspect computer.

The pCHIP can clone and image disks and also recover deleted data.

Some of our achievements



We are the first private organization in the world to offer complete forensic investigation & training services for cellular and mobile communication devices.

Our expertise includes iPad & iPhone Forensics, Blackberry Forensics, Android Forensics, Windows Mobile Forensics as well as Symbian Forensics.



We maintain the Global Cyber Law Database, an online repository of cyber related laws of major countries around the globe.



We run bugs.ms, a Google Custom Search Engine for bugs, hacks, exploits and security for Microsoft products.

The search engine searches through a database of websites that is compiled and updated by subject experts. This ensures that users get the most relevant information.

Bugs are errors, flaws, mistakes, failures, or faults in a computer program that prevent it from behaving as intended.

MoodStatus.me
flaunt your mood

We run moodstatus.me, a unique personal cum social platform which helps users flaunt as well as record and map their moods.



We run 13q.me, a unique personal cum social platform which is a modern digitalized version of the popular slam book concept.



We have launched a massive national level program to make Indian colleges ragging free. The various anti-ragging laws in India include:

1. Guidelines issued by the Supreme Court of India in the case of Vishwa Jagriti Mission through President v/s Central Government through Cabinet Secretary.
2. Guidelines issued by the Supreme Court of India in the case of University of Kerala v/s Council, Principals' Colleges, Kerala and Others .
3. Recommendations made in the Raghavan Committee Report .
4. Regulations issued by the University Grants Commission .

Manual compliance with the stringent anti-ragging laws would not only be extremely time-consuming but also would require a lot of people and expense.

To enable colleges to comply with the anti-ragging laws, we have developed AR-64, a cutting edge technological solution that automates the anti-ragging legal compliance process.



The Information Technology Act and its allied rules, regulations, orders etc impose several obligations on corporates.

Failure to comply with these obligations may be penalized with imprisonment, fines and compensation.

We have developed the ita64 suite of technological solutions for facilitating Information Technology Act compliance.

ita64 comprises the following 2 modules:

1. priv64, a cutting edge technological solution that automates the data privacy legal compliance process for 100% compliance with India's data privacy laws
2. cert64, for 100% compliance with CERT and other reporting requirements.

We have developed dx64, a Cyber Warfare Early Warning System.

dx64 facilitates real-time, open exchange of data from entities about how and when cyber attacks have affected their systems.

This data is analyzed to provide early-warning of cyber attacks that could bring down critical infrastructure.

Some of our educational programs



Diploma in Cyber Law (GLC) GLC-DCL

This is a basic level course in Indian cyber law conducted in association with Government Law College, Mumbai.

Fee: **Rs 3,600** onwards



Diploma in Cyber Law (International) DCL

This is a basic level course in Indian cyber law with a special module on International Cyber Crime Law.

Fee: **Rs 6,000** onwards



PG Program in Cyber Law PGPCL

This is an advanced level course in cyber law with special modules on Investigating Financial Crimes and Documentation Issues.

Fee: **Rs 12,000** onwards



Cyber Law for Police Officers CLP

This is a course in Indian cyber law that has been specially designed for Police and law enforcement officers.

Fee: **Rs 3,000** onwards



Cyber Crime Prosecution & Defence CCPD

This is a specialised course in Cyber Crime Prosecution & Defence designed specially for lawyers and judges.

Fee: **Rs 24,500** onwards



International Cyber Laws ICL

This is an advanced level course covering Global Cybercrime Law and International eCommerce Law.

Fee: **Rs 24,500** onwards



Cyber Crime Investigator CCI

This is a basic level course covering the essentials of cyber investigation and forensics.

Fee: **Rs 23,000** onwards



Digital Evidence Analyst DEA

This is an advanced level course covering the essentials of cyber investigation and forensics.

Fee: **Rs 37,000** onwards



Digital Forensic Investigator DFI

From web investigation to facebook forensics, from password forensics to incident response and penetration testing, this program has it all.

Fee: **Rs 84,000** onwards

Some of our educational programs



IT Act Audit & Compliance ITAC

This is an advanced course on audit & compliance under the Information Technology Act.

Fee: **Rs 37,000** onwards



Cyber Security CYSEC

This is an advanced level course on Cyber Security.

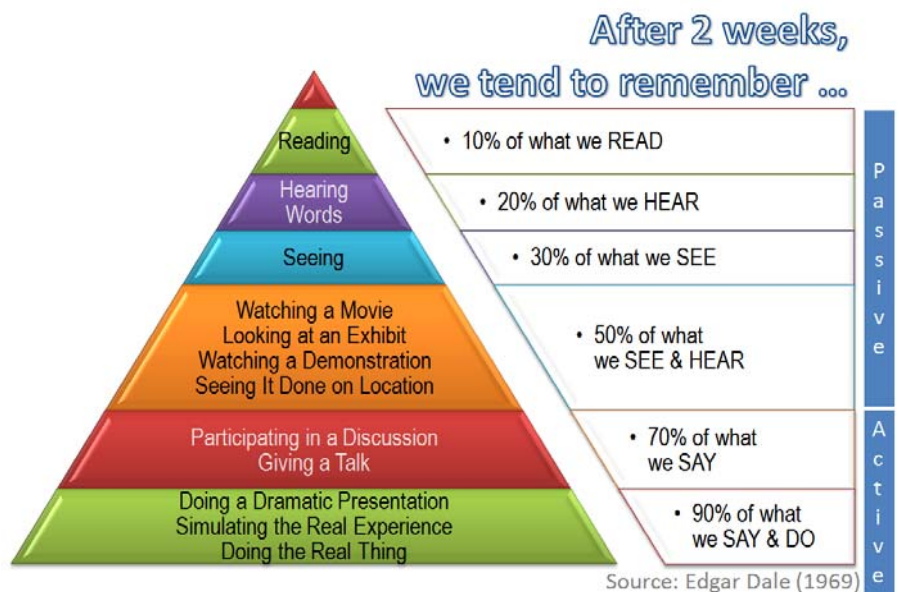
Fee: **Rs 37,000** onwards



Cyber Security, Audit & Compliance CSAC

This advanced course covers Cyber Security as well as Cyber Audit & Compliance.

Fee: **Rs 1,05,000** onwards



At ASCL, we have integrated the principles of the cone of learning (proposed by Edgar Dale) into our teaching methods.

Students are said to retain 10% of all that they read. This retention is helped by our excellent courseware - written in a simple language and embedded with real world illustrations.

At the second level of retention, ASCL courses have **contact classes** built into the teaching structure.

The students listen to the teachers' lectures in which important issues are constantly highlighted by way of repetition and emphasis.

Contact classes rely heavily on multimedia presentations so that students can also retain information at the third level. This advantage is also passed on to digital mode students through clearly laid out images and diagrams embedded in the courseware.

Students remember 50% of what they see and hear simultaneously. We bring in this aspect of learning by way of **demonstrations**.

Our teachers explore various issues through **live practical demonstrations and video clippings**.

Even so, according to the cone of learning, these methods or learning are only the passive methods.

At ASCL, we have taken steps to involve our students more active retention methods.

Our expert faculty members focus their energies on the bottom layers of the cone.

Each class takes on the task of engaging the students' understanding through **animated discussions or topic presentations**.

The teachers play the difficult role of **catalysts** to these discussions.

Maximum information is retained when a student gets the opportunity to do the real thing.

The **ability to do a particular task in real life** (whether investigating a cyber crime or accurately filling in the details of a trademark application) is given top priority.

Students are called upon to participate in **dramatic representations** as well as carefully designed **simulated case studies**.

Some of our associates



THE GOVERNMENT LAW COLLEGE
MUMBAI

Government Law College, Mumbai

The Government Law College, founded in 1855, is the **oldest law school in Asia** and enjoys a pre-eminent national and international reputation for excellence.

GLC has had the privilege of guidance from eminent legal luminaries such as Dr. B. R. Ambedkar, Lokmanya Tilak, Justice M.C.Chagla, Nani Palkhivala and several others who have adorned benches of the Supreme Court of India and the Bombay High Court.



St. Xavier's College,
Mumbai

St. Xavier's College, Mumbai

St. Xavier's College, Mumbai has been awarded **A+ rating** in the reaccreditation by NAAC and has also been ranked among the **top 10 colleges in India** by India Today, Outlook and such other magazines.



GUJARAT FORENSIC SCIENCES
UNIVERSITY

Gujarat Forensic Science University

The Gujarat Forensic Science Universities endeavours to enhance the quality of education by encouraging interaction at a nation as well as at an international level.

The University signed an MoU with Directorate of Forensic Science, Govt. of Gujarat to jointly promote academic learning, research & development programs. They have entered into an MoU with a number of foreign universities, the University of Florida being one of them.



CHANAKYA NATIONAL
LAW UNIVERSITY

Chanakya National Law University

This University was established in order to promote legal awareness in the community, which lead to the realization of goals embodied in the Constitution of India.

Dr. Priya Darshini, Assistant Professor, Chanakya National Law University, Patna has been honoured with the Shiksha Rattan Puruskar, 2011 for the outstanding achievements in the field of Education. Her name has also been incorporated for the Best Citizens of India Award-2011.



VAMNICOM
(An Institution of National Council for Cooperative Training, New Delhi)



Vaikunth Mehta National Institute for Co-operative Management (VAMNICOM)

is an Institution of National Council for Cooperative Training, New Delhi.



Bharati Vidyapeeth Deemed
University, New Law College,
Pune

Bharati Vidyapeeth University, New Law College, Pune

Bharati Vidyapeeth's New Law College has been accredited with "A" Grade by NAAC. New Law College is ranked 10th amongst 913 colleges by OUTLOOK in the June 2010 issue.

The international collaboration with universities in UK, USA and other countries provides the academic opportunity to the students to excel in career at an international level which ensures optimal growth.

Dr. Mukund Sarda, Principal and Dean Law Faculty, was Invited by the Oxford University to deliver a lecture on "Media and Law" on the 18th March 2009.



INDIAN LAW SOCIETY
PUNE

The Indian Law Society (ILS) Law College

ILS Law College was **accredited the A+ level** by NAAC. Its ranked amongst the **top ten law colleges** in the country by the India-Today ORG MARG survey and its library is rated among India's best with over 45,000 books, journals and hundred periodicals.



Kerala
Law Academy

Kerela Law Academy

KLA is the only institution from Kerala to get selected to represent India in the prestigious Philip C Jessup International Moot Court Competition, held at Washington D.C, USA five times- in 1994, 1996, 1997, 1999 & 2000.

It was also selected to represent India in the prestigious Louis M Brown International Client Counseling Competition.

They have also conducted on a regular basis a National Client Counseling Competition for testing the client interviewing skills of the law students at the national level since 2000.

They also host the third oldest national moot court competition in India.

Devi Sharvani Education Society's
V. M. Salgaocar
College of

LAW

V.M Salgaocar College of Law is Goa's leading law college.

Some of our associates



Whitefield Business School

Whitefield Business School is a registered tertiary education provider, duly approved by the Tertiary Education Commission and Mauritius Qualifications Authority.



DiPurba

DiPurba is a leading provider of education and training services to the Government of Malaysia.



Gopaldas Jhamatmal Advani Law College, Mumbai

Gopaldas Jhamatmal Advani Law College

Established in 1977, GJ Advani Law College is ranked amongst the top 20 Law Colleges in India by India Today.



Smt. P. D. Hinduja Trust's
K. P. B. Hinduja College of Commerce
NAAC Accredited B++

K.P.B Hinduja College of Commerce

K.P.B Hinduja College of Commerce is ranked amongst the top Commerce Colleges in Mumbai and 11th amongst Commerce College all over India today.



K. C. Law College,
Mumbai

Kishinchand Chellaram Law College

Established in 1955, K. C. Law College is ranked amongst the top 20 Law Colleges in India by India Today.



IILM Business School

IILM UBS was established in 1996, with the mandate of providing management education of the highest quality.

IILM collaborated with University of Bradford in 1996 to offer undergraduate courses in the area of Management which follows the same program structure as the University of Bradford.

There is a regular bilateral faculty and staff exchange between the School of Management, University of Bradford and IILM-UBS for academic and administrative purposes.



St. Teresa's College
Ernakulam

St. Teresa's College

St. Teresa's College envisions a life-oriented education that empowers women through a humanizing and liberative process.

The institution was awarded the Rev. Fr. Theo Mathias award for innovative college educators for the year 2009 instituted by the All India Association for Christian Higher Education.

The R. Sankar award for the best college in the state of Kerala for the academic year 1998-1999 awarded in 2005. The institution has thrice been given this honour



MVP Samaj's
Law College

MVP Samaj's Law College is a leading Nasik based law college.



New Law Academy, Pune is a leading Pune based law college.



Latthe Education Society's
N. S. Soti Law College

NS Soti Law College is a leading Sangli based law college.

Ismailsaheb Mulla Law College

Ismailsaheb Mulla Law College is a leading Satara based law college.



Dr. Ambedkar College,
Nagpur

Dr. Ambedkar College is a leading Nagpur based college.



Ratnagiri Education Society's
Shriman Bhagojisheth Keer
Law College

SBK Law College is a leading Ratnagiri based law college.

Estd : 1933



SHAHAJI LAW COLLEGE

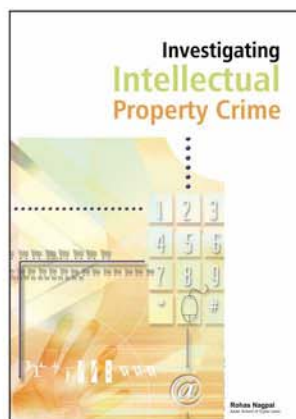
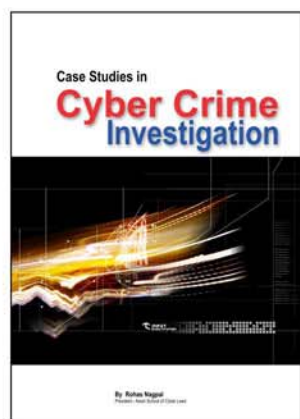
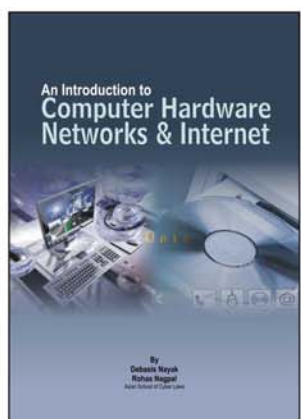
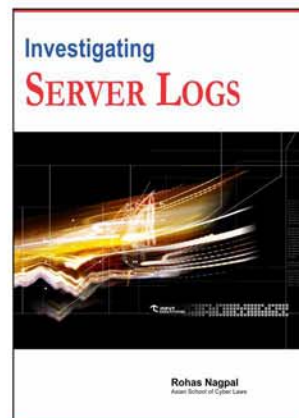
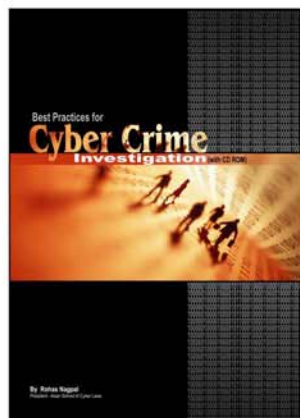
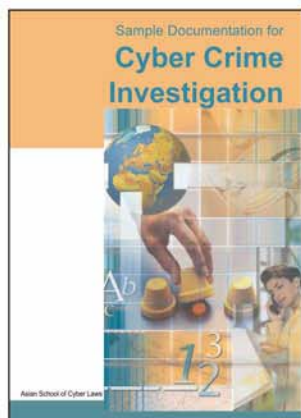
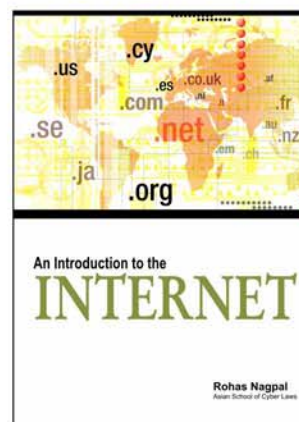
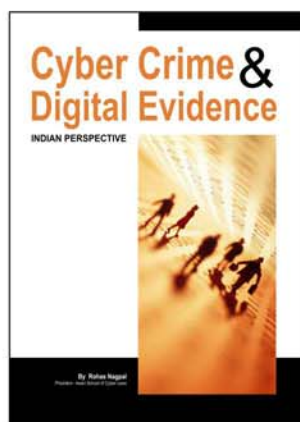
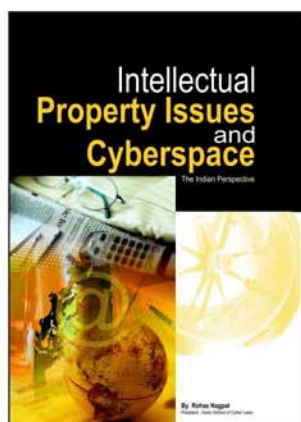
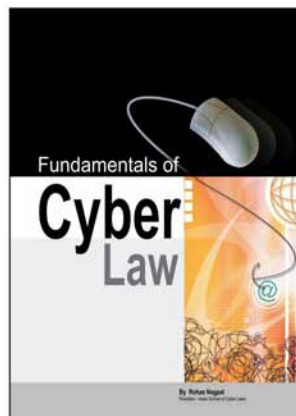
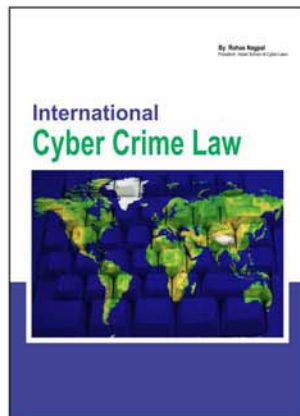
Shahaji Law College is a leading Kolhapur based law college.



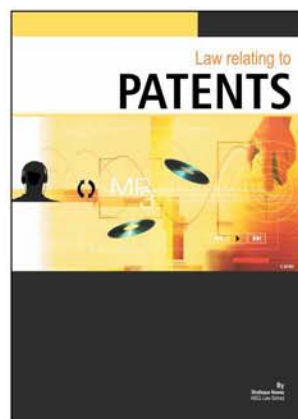
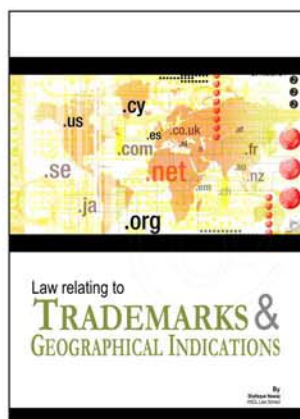
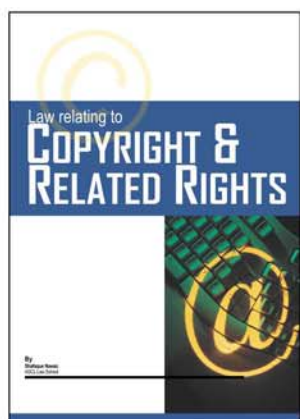
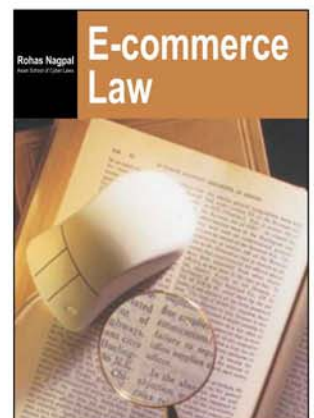
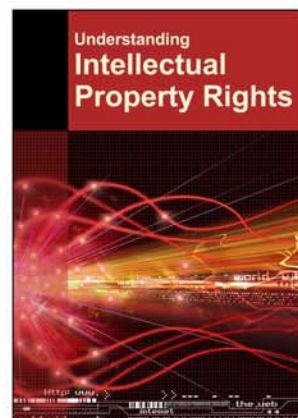
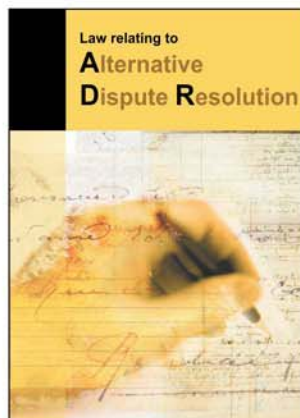
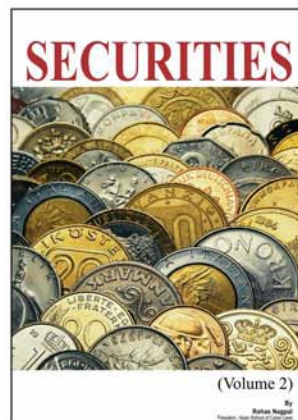
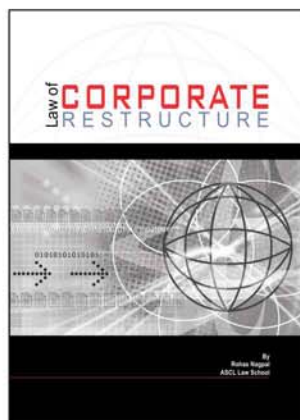
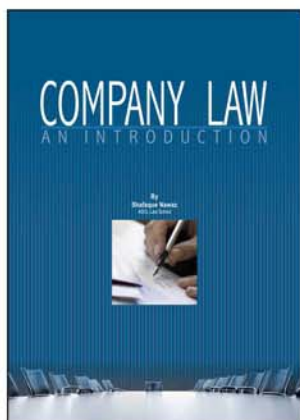
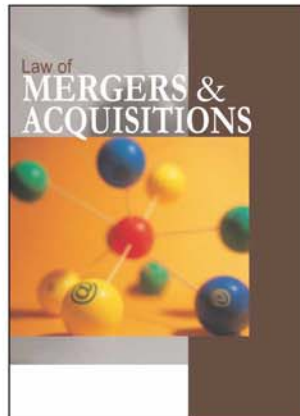
Central India College of Law

Central India College of Law is a leading Nagpur based law college.

Some of our Publications



Some of our Publications



Contact us

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