

DIGITAL FORENSICS FOR PROFESSIONALS



Organizer:

**Digital Forensics Research And Service Centre
Lahore Garrison University**



Maj Gen (R) Obaid bin Zakria
(VC Lahore Garrison University)

Workshop Outline

- Forensics Overview
- Modern Forensics
- Investigative Process
- Searching and Seizing
- Digital Evidence
- First Responder
- Hard Disks and File Systems
- Windows Forensics
- Data Acquisition
- Recovering and Deleting Files
- Image Files
- Steganography
- Application Password Checkers



Director DFRS Mr. Kaukab Jamal Zuberi

Workshop on Digital Forensics For Non-Technical Professionals

Digital Forensics Research and Service Centre (DFRSC) has been established at Lahore Garrison University, Lahore. The Prime Purpose of this centre is to Conduct research on Digital Forensic problems and provide solutions, in order to, enhance crime investigation of digital devices i.e. **computer, mobile and other storage devices.**

A one day workshop will be arranged by Digital Forensic Research and Service Centre (DFRSC) of Lahore Garrison University (LGU). This workshop will provide an introduction to **computer forensics** and its mechanics without going into lots of technical details. Our team is going to present a very precise description on the core concepts of digital forensic. In this workshop you will learn a lot about importance of digital forensic in crime investigation.

What is Digital Forensics?

Digital forensics is the process of collecting, preserving, analysing and presenting of digital evidence. This technology is usable for internal disciplinary Hearing, supporting data for internal incident reports and assisting other investigations as well.

Digital Evidence is data which helps reconstruct past events or activity. It can show possession/handling of digital data, use/abuse of IT infrastructure & services, evidence of organizational security policy and violation or illegal Activity.

The Main Areas of Digital Forensics

- Computer forensics (hard disk, removable media acquisition and analysis)
- Network forensics (network intrusions, abuse, etc.)
- Software forensics (examining malicious code, malware, etc.)
- Live system forensics (compromised hosts, system abuse, etc.)
- Mobile forensics

Who Should Attend

- Internal and External Auditors Anti-Fraud
- Officers investigating white collar crimes
- Compliance Officers
- Procurement Officers
- Risk Managers
- Branch Managers
- Director operations
- Training and development Heads
- Human resource Managers
- Heads of Corporate Security
- Head of Business Continuity
- Head of Security Architecture

Professionals:

Professionals who don't have specialized or technical knowledge of computer systems and related digital devices but are holding important positions in an organization where they have to come across technicalities and most of the time they have no idea how to deal in such situation mainly because of their limited knowledge about computer systems and related digital type devices. This program is especially designed to give professionals an idea of digital crimes and offences. It will not only allow such professionals to have better understanding of technical issue but also will help them to counter other related issue such as **disciplinary, management, fraud data security** issues etc.



Director DFRSC Mr. Kaukab Jamal Zuberi delivering lecture to Communication officers of Punjab Safe Cities Authority

Especially invited are Heads of Departments and Units, Managers and other responsible staff from institutions such as:

- All central level public authorities such as ministries and executive agencies
- International, national and regional public institutions and organization
- National and regional Courts of Auditors
- Corruption prevention and combating bureaus
- National inspection board
- National and regional police and security authorities
- Public Prosecution services
- National and international agencies for international aid and development, economic cooperation & reconstruction
- Consulting companies working with and for the public sector
- Audit and Fraud managers of financial institution telecommunication companies and other managers who want to introduce

Cyber Crime Bill 2016 is recently passed through National Assembly. In Pakistan there is an immense need to create awareness among non-technical people about digital forensics. Cyber threats are going to be one of the major threats in Pakistan due to increasing reliance on the internet. Out Lawyers, Judges, Bankers must be aware of the importance of Digital Forensics. Judges should be qualified in technical training that focus on cybercrimes, cyber forensics, data protection, privacy, digital intellectual property. Spreading general awareness of Digital Forensics and users rights/laws by arranging seminars, presentations, briefing is also becoming necessary.

The workshop will be conducted by Mr. Kaukab Jamal Zuberi, currently serving as Director Digital Forensics Research and Service Centre (DFRSC) at Lahore Garrison University, Lahore.

Mr. Kaukab Jamal Zuberi

Kaukab Jamal Zuberi has nearly 30 years of experience in the fields of banking, Information Technology, Financial Management, Computer Forensics, Communication Skills, and providing leadership and motivational trainings.



He is founding chairman of Association of White Collar Crime Investigators and Association of Digital Forensic Experts, which were established in Turkey. His area of expertise includes compliance of Sarbanes Oxley, CoBIT, COSO, Frameworks, Forensic Accounting, IT Auditing, Expert Witness and Computer Forensics. His consultancy clients include financial institutions, corporations and government agencies in Europe, USA, Middle East and South Asia. He completed his MBA from South Eastern University, Washington DC, USA and Post Graduate Diploma in Islamic Banking. In addition to Certified Fraud Examiner (CFE) designation he is a Microsoft Certified Developer (MSCD), Database Administrator (MCDBA), Certified Computer Forensic Specialist (CCFS) and Access Data Certified Engineer (ACE). As an expert of various but relevant fields he remained equally active in academic activities as a visiting lecturer of international banking at Adamson University. Apart from that he had conducted computer forensics and forensic accounting trainings in various countries. Mr. Kaukab Jamal Zuberi was member of the board of Governors of Lefke University and Girne American University in North Cyprus.



Workshop Duration: 8 hours

Workshop Timing: 1000 to 1800 hours.

Workshop Fees: Rs/ 10,000

Workshop Date: 10, October 2017

Training Venue: PASTIC National Centre,
QAU Campus, Islamabad.

For any queries and details feel free to Contact

Qais Abaid Cell: 0322-6022388

Email address : qaisabaid@lgu.edu.pk

Sajjad Sikandar Cell: 0344-4330552

Email address : sajjadsikandar@lgu.edu.pk

Contact Person for Venue

Mr. Saifullah Principle Scientific Analyst

Cell:0333-9248111 **Office:**051-9248111

References:

