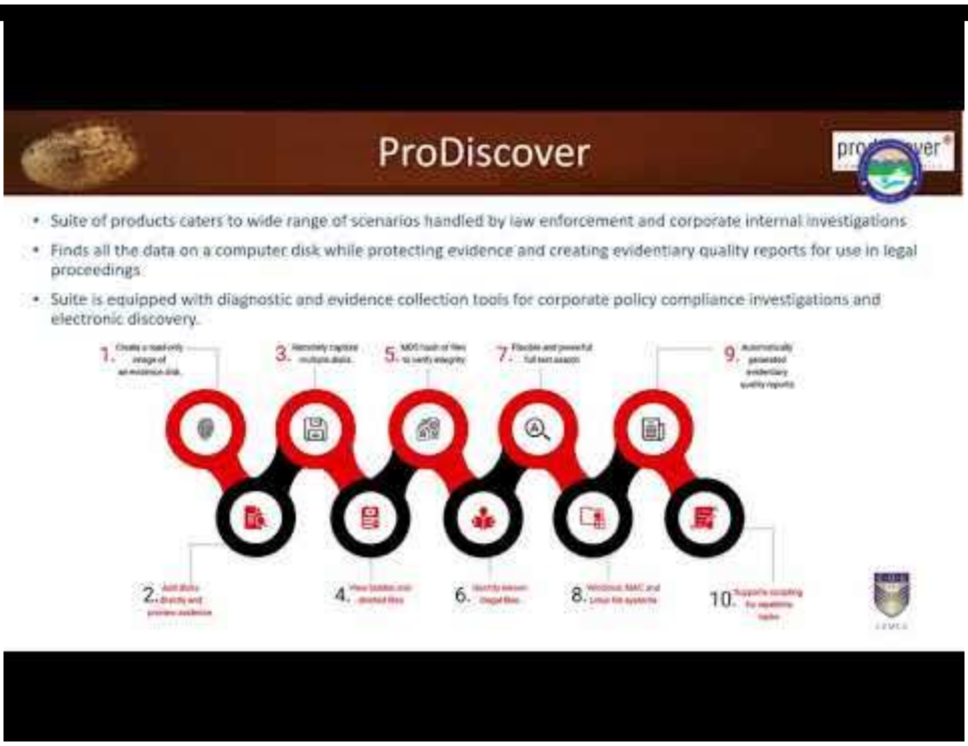
HANDS-ON PRACTICALS USING FORENSICS TOOLS

VIDEO LECTURE

Task using Forensics Tools



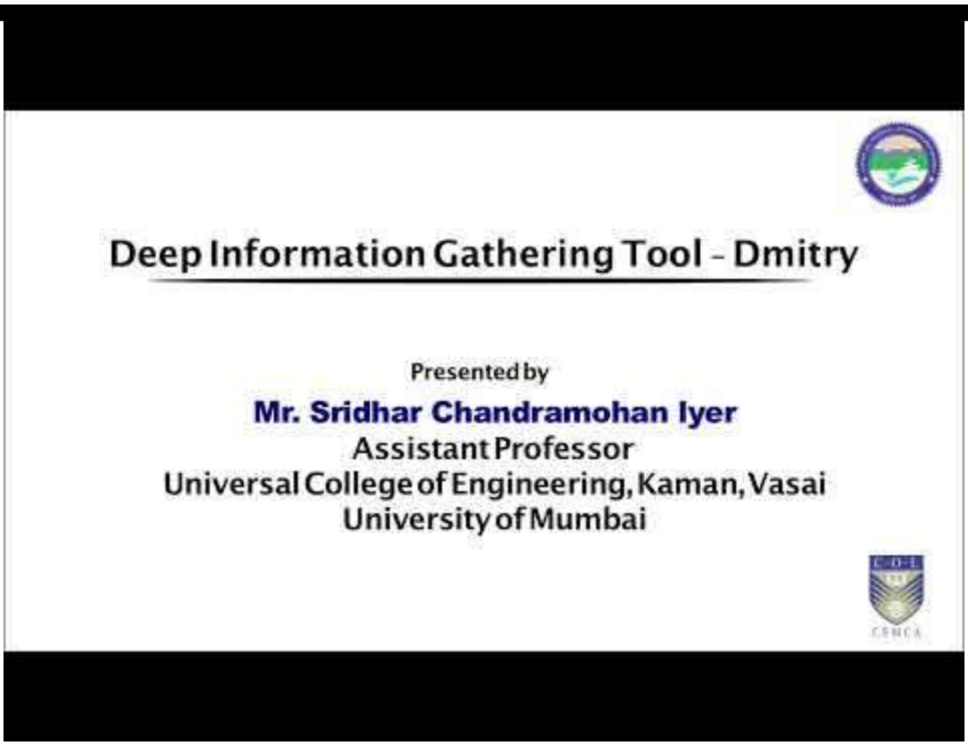
ProDiscover

- Suite of products caters to wide range of scenarios handled by law enforcement and corporate internal investigations
- Finds all the data on a computer disk while protecting evidence and creating evidentiary quality reports for use in legal proceedings
- Suite is equipped with diagnostic and evidence collection tools for corporate policy compliance investigations and electronic discovery.

1. Create a read-only image of an evidence disk
2. Add disks directly and preview evidence
3. Remotely capture multiple disks
4. View hidden and deleted files
5. MD5 hash of files to verify integrity
6. Identify known illegal files
7. Flexible and powerful full text search
8. Windows, MAC and Linux file systems
9. Automatically generated evidentiary quality reports
10. Supports scripting for repetitive tasks

VIDEO LECTURE

Deep Information Gathering Tool- Dmitry



Deep Information Gathering Tool - Dmitry

Presented by

Mr. Sridhar Chandramohan Iyer
Assistant Professor
Universal College of Engineering, Kaman, Vasai
University of Mumbai

VIDEO LECTURE

Image Metadata Extraction using Imago

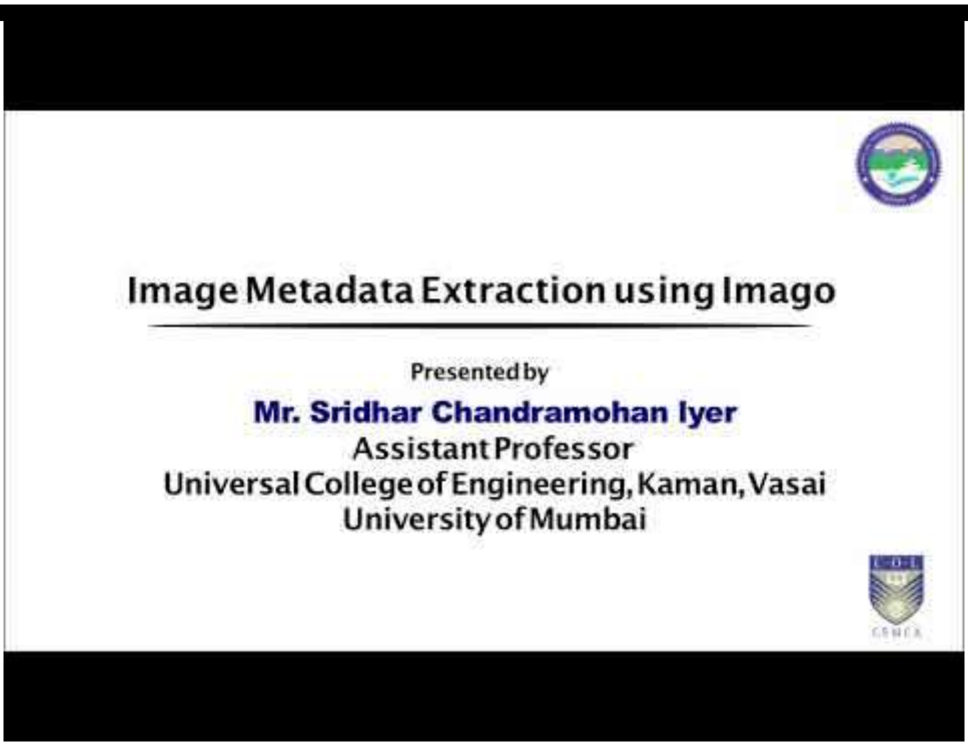


Image Metadata Extraction using Imago

Presented by

Mr. Sridhar Chandramohan Iyer

Assistant Professor

Universal College of Engineering, Kaman, Vasai

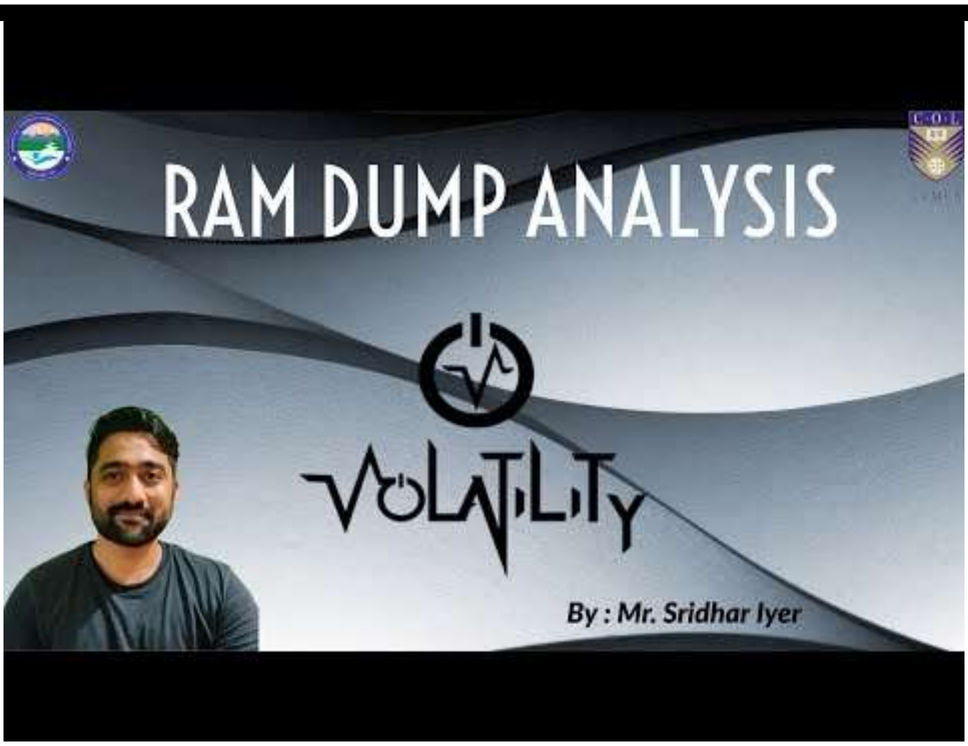
University of Mumbai

VIDEO LECTURE

Digital Forensics using EnCase Tool

VIDEO LECTURE

RAM Dump Analysis

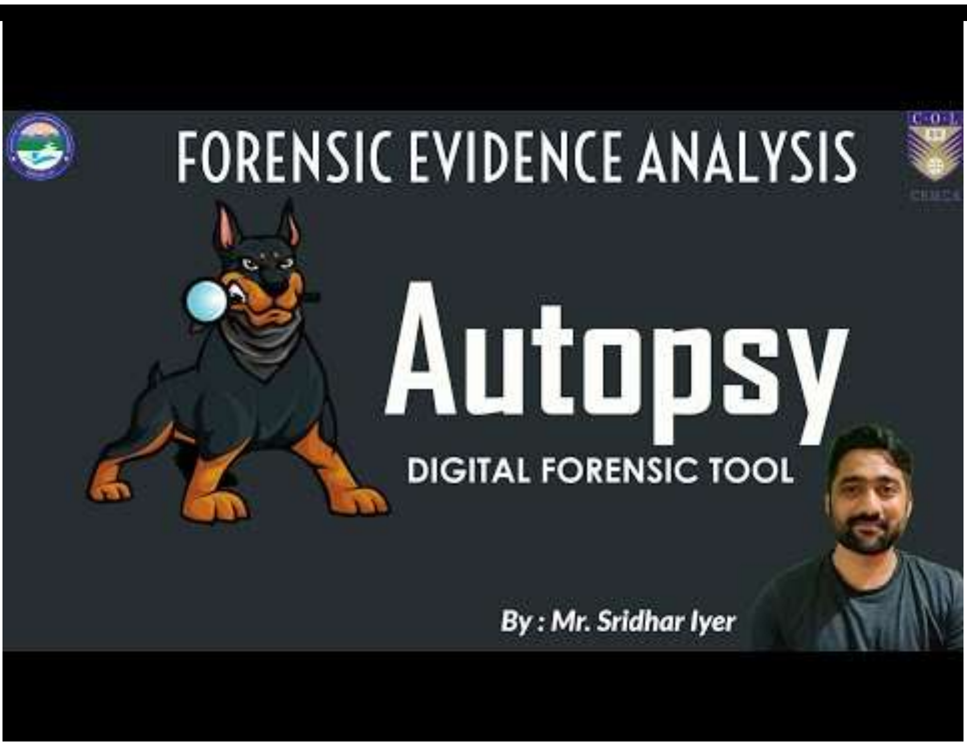


RAM DUMP ANALYSIS

By : Mr. Sridhar Iyer

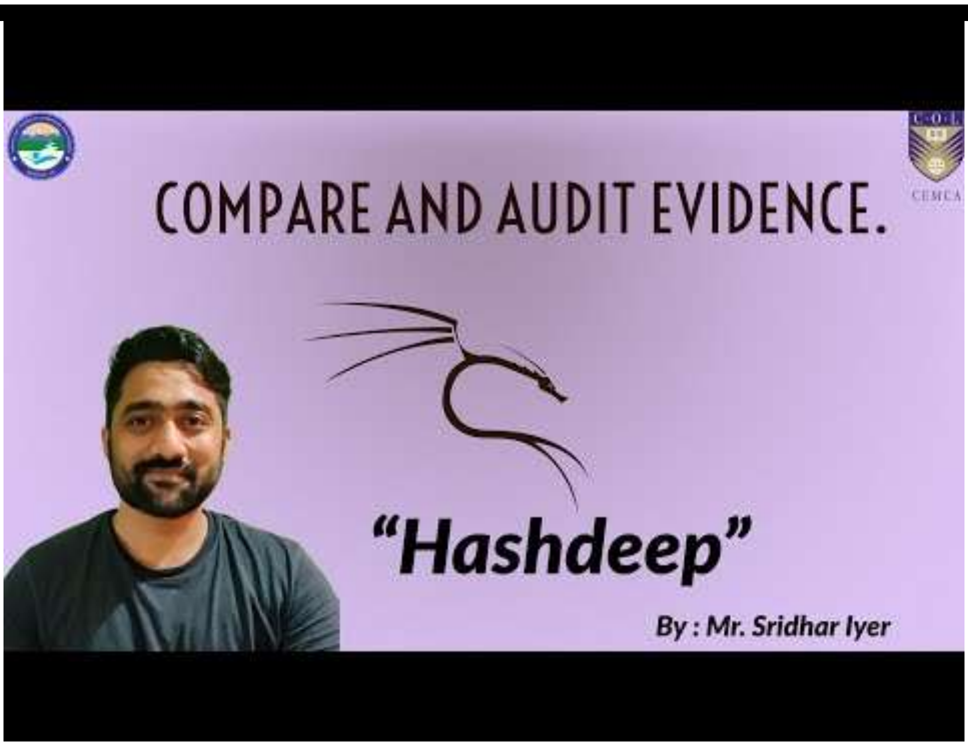
VIDEO LECTURE

Forensic Evidence Analysis using Autopsy



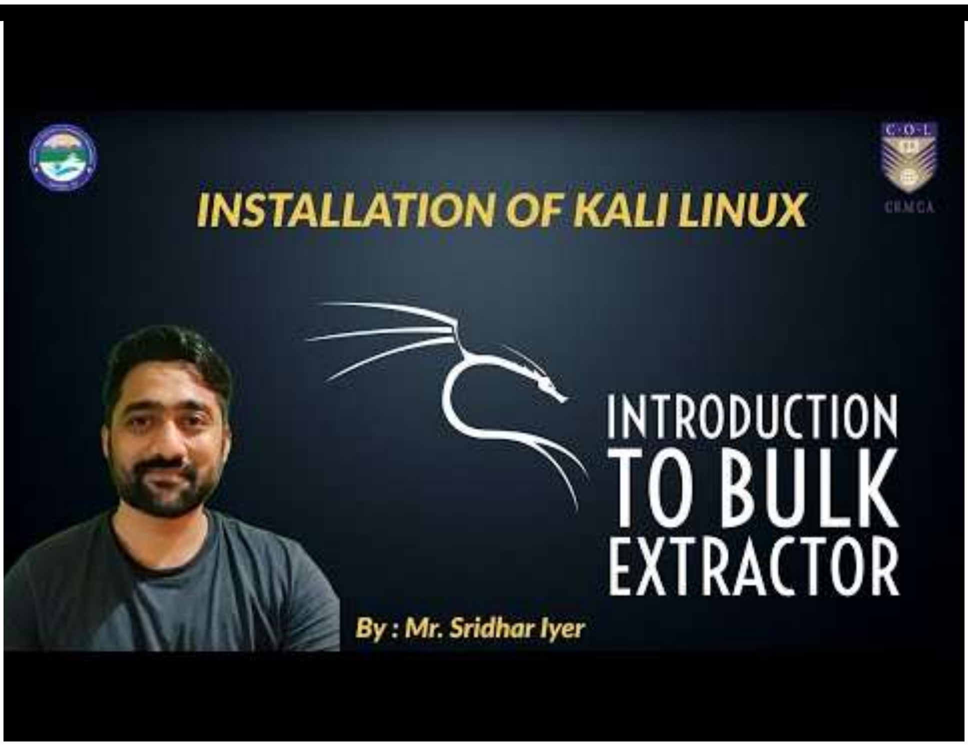
VIDEO LECTURE

Compare and Audit Evidence using Hashdeep



VIDEO LECTURE

Installation of Kali Linux



VIDEO LECTURE

Data Carving

VIDEO LECTURE

FKT Imager

VIDEO LECTURE

Live Data Acquisition using FTK Imager

VIDEO LECTURE

Static Data Acquisition from WINDOWS using FTK Imager

VIDEO LECTURE

Recovering Evidence for Forensic Images using Scalpel

VIDEO LECTURE

Computer Forensics using Autopsy and FKT Imager

VIDEO LECTURE

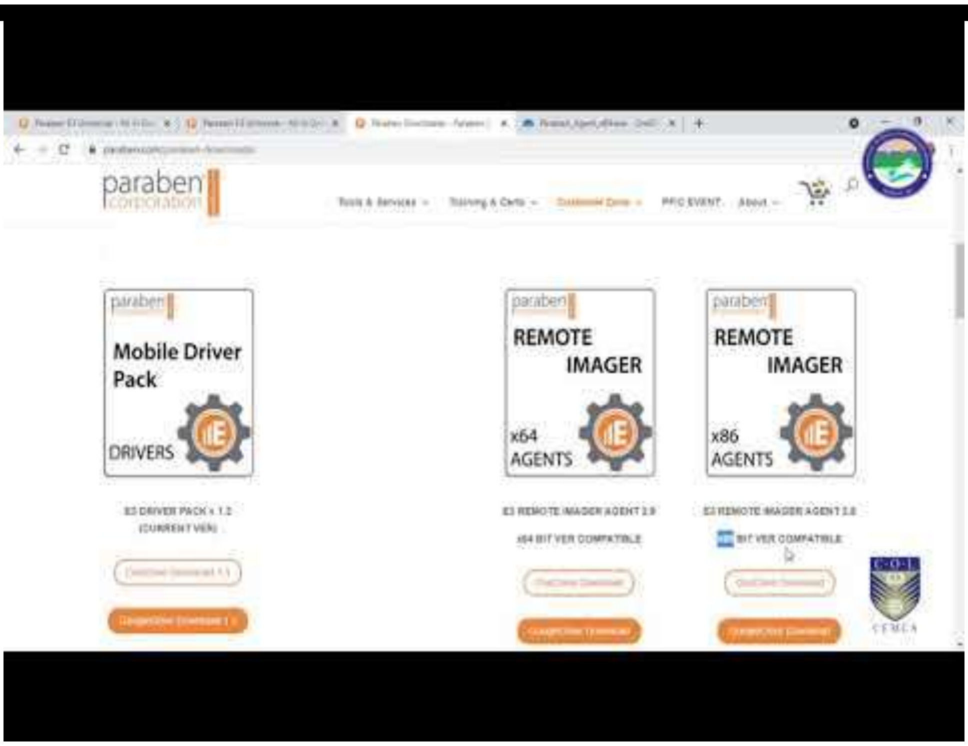
Recovering Evidence form Forensics Images using Foremost

VIDEO LECTURE

Static Data Acquisition Linux OS

VIDEO LECTURE

Remote Imaging using E3 Digital Forensics



EXPERT PANEL

Dr. Jeetendra Pande, Associate Professor- Computer Science, School of Computer Science & IT, Uttarakhand Open University, Haldwani

Dr. Ajay Prasad, Sr. Associate Professor, University of Petroleum and Energy Studies, Dehradun

Dr. Akashdeep Bharadwaj, Professor, University of Petroleum and Energy Studies, Dehradun

Mr. Sridhar Chandramohan Iyer, Assistant Professor- Universal College of Engineering, Kaman, Vasai, University of Mumbai

Mr. Rishikesh Ojha, Digital Forensics and eDiscovery Expert

Ms. Priyanka Tewari, IT Consultant

Mr. Ketan Joglekar, Assistant Professor, GJ College, Maharastra

Dr. Ashutosh Kumar Bhatt, Associate Professor, Uttarakhand Open University, Haldwani

Dr. Sangram Panigrahi, Assistant Professor, Siksha 'O' Anusandhan,, Bhubaneswar

This MOOC has been prepared with the support of