**BIRLA INSTITUTE OF TECHNOLOGY & SCIENCE, PILANI**

**WORK INTEGRATED LEARNING PROGRAMMES**

**Cyber Crimes, Forensics and Incident Handling**

**SS ZG588**

**Assignment -1**

**Weightage-10% [10 Marks]**

**Deadline: 24th April 2022 23:59 Hours**

The students are expected to evaluate the following two files using the Autopsy software and provide the report using the autopsy software. Files are available on elearn course page.

Casae1:

The case in this project involves a suspicious death. Joshua Zarkan found his girlfriend’s dead body in her apartment and reported it. The first responding law enforcement officer seized a USB drive. A crime scene evidence technician skilled in data acquisition made an image of the USB drive with FTK Imager and named it C1Prj01.E01. You have received the image file from the detective assigned to this case. He directs you to examine it and identify any evidentiary artifacts that might relate to this case. To process this case, follow these steps to evaluate what’s on the image of the USB drive

Case2:

You’re an IT security specialist for Superior Sailmakers, a company making sails for sloops and yawls. It sells rigging and sails to many sailboat makers who are competing against one another. Ms. Olsen in the Human Resources Department notifies you that she got an anonymous letter with an old USB drive. The letter states that a former employee, Ralph Williams, had photos belonging to ACE Sailboats that contained trade secrets from April 2006. The letter also states that after Mr. Williams ended his employment at Superior Sailmakers in January 2007, he used the photos on the USB drive to get hired by Smith Sloop Boats, a competitor of ACE Sailboats. Both sailboat manufacturers are customers of Superior Sailmakers. Ms. Olsen tells you that another specialist has already made an image of the USB drive in the Expert Witness format (with an .E01 extension). She wants you to examine its contents for any photograph files to determine whether the anonymous complaint is true. After your examination, you need to generate a report that Ms. Olsen will send to the Legal Department. The Legal Department will then determine whether any violations of trade secret or intellectual property laws might have occurred

Deadline for the submission: 24th April 2022, 23:55 Hours

Individual assignment with Weightage 10%.

HTML Report Generated File from the autopsy software with the name and email Id clearly mentioned.