

BCA-5-03P-EC-B2: Digital Forensics Lab

Total Marks: 50
External Marks: 25
Internal Marks: 25
Credits: 2
Pass Percentage: 50%
Lab Hours: 30

Course Name: Digital Forensics Lab	
Course Code: BCA-5-03P-EC-B2	
Course Outcomes (COs)	
After the completion of this course, the students will be able to:	
CO I	Understand the working of computer forensics and different tools used for forensic investigation
CO II	Recover Deleted Files using Forensics Tools
CO III	Utilize popular forensic tools and software for digital investigations.
CO IV	Work collaboratively in a team to conduct digital forensics investigations.
CO V	Compile and organize digital forensics findings into comprehensive reports

Detailed Contents:

S. No.	Name of Experiment
1	Study of Computer Forensics and different tools used for forensic investigation
2	How to Recover Deleted Files using Forensics Tools
3	Study the steps for hiding and extract any text file behind an image file/Audio file using Command Prompt
4	How to Extract Exchangeable image file format (EXIF) Data from Image Files using ExifReader Software
5	How to make the forensic image of the hard drive using EnCase Forensics
6	To create a forensic image with <i>FTK</i> image
7	How to Restoring the Evidence Image using EnCase Forensics
8	How to Extracting Browser Artifacts
9	How to View Last Activity of Your PC
10	Find Last Connected USB on your system (USB Forensics)

11	Live Forensics Case Investigation using Autopsy
12	Preparing forensic reports.