



# VIVEKANANDHA COLLEGE OF ENGINEERING FOR WOMEN

[AUTONOMOUS INSTITUTION AFFILIATED TO ANNA UNIVERSITY, CHENNAI]



## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Course Code / Name :U15CSE04/Cyber Forensics

Class (Year / Programme / Department / Section): III/BE/CSE/A&B

### LESSON PLAN

UNIT -1 INTRODUCTION				
Session No	Topic	Duration in Minutes	Teaching Aid	Book Referred
1	The Scope of Computer Forensics	45	BB	R2
2	Windows Operating	45	BB	R2
3	Handling Computer Hardware	45	BB	R2
4	Anatomy of Digital Investigation	45	BB	R2
5	File Systems	45	BB	R2
UNIT-2(INVESTIGATIVE SMART PRACTICES)				
1	Forensics Investigative Smart Practices	45	BB	R2
2	Forensics Investigative Smart Practices	45	BB	R2
3	time and Forensics	45	BB	R2
4	time and Forensics	45	BB	R2
5	Incident closure.	45	BB	R2
6	Incident closure.	45	BB	R2
UNIT -3 (LAWS AND PRIVACY CONCERNS )				
1	Laws Affecting Forensic Investigations	45	BB	R1
2	Search Warrants and Subpoenas	45	BB	R1
3	Search Warrants and Subpoenas	45	BB	R1
4	Legislated Privacy Concerns	45	BB	R1
5	The admissibility of Evidence	45	BB	R1
6	The admissibility of Evidenc	45	BB	R1
7	First Response and Digital Investigator	45	BB	R1
8	First Response and Digital Investigator	45	BB	R3
9	First Response and Digital Investigator	45	BB	R3
UNIT -4 (DATA ACQUISITION AND REPORT WRITING)				
1	Data Acquisition	45	BB	R1
2	Finding Lost Files	45	BB	R1
3	Finding Lost Files	45	BB	R1
4	Document Analysis	45	BB	R1
5	Case Management and Report Writing	45	BB	R1
6	Building a Forensics Workstation.	45	BB	R1
7	Building a Forensics Workstation.	45	BB	R1
8	Building a Forensics Workstation.	45	BB	R1
UNIT -5( TOOLS AND CASE STUDIES)				
1	Tools of the Digital Investigator	45	BB	R1

2	Licensing and Certification	45	BB	R1
3	Case Studies: E-mail Forensics	45	BB	R1
4	Web Forensics	45	BB	R1
5	Searching the Network	45	BB	R1
6	Excavating a Cloud	45	BB	R1
7	Excavating a Cloud	45	BB	R1