



## Integral University, Lucknow

<b>Effective from Session: 2023-24</b>							
<b>Course Code</b>	LW626	<b>Title of the Course</b>	Cyber Forensic	<b>L</b>	<b>T</b>	<b>P</b>	<b>C</b>
<b>Year</b>	I	<b>Semester</b>	II	<b>3</b>	<b>1</b>	<b>0</b>	<b>4</b>
<b>Pre-Requisite</b>	Law Graduates	<b>Co-requisite</b>					
<b>Course Objectives</b>	<ul style="list-style-type: none"> <li>It aims to provide deep knowledge to the students relating to cause the attacks and identify the offender.</li> <li>It aims to develop Competencies for dealing with frauds, Deceptions and Cyber Crimes</li> </ul>						

<b>Course Outcomes</b>	
<b>CO1</b>	Understand the basic concepts and principles of cyber forensics, including its role in investigating cybercrimes.
<b>CO2</b>	Identify different types of hacking and their impact on individuals and organizations.
<b>CO3</b>	Learn about commonly used digital forensic tools and their functionalities.
<b>CO4</b>	Recognize the importance of computer and network security in preventing and detecting cybercrimes.
<b>CO5</b>	Gain awareness of the legal and ethical considerations associated with cyber forensic investigations.

Unit No.	Title of the Unit	Content of Unit	Contact Hrs.	Mapped CO
1	<b>Introduction to Cyber Forensics</b>	Introduction to Computer Forensics, Forms of Cyber Crime, First Responder Procedure- Non-technical staff, Technical Staff, Forensics Expert, and Computer Investigation procedure, AI and Cyber Forensic, Case Studies.	10	CO1
2	<b>Ethical Hacking</b>	Introduction to Ethical Hacking, Different types of hackers, Five phases of hacking, Scope of Ethical Hacking, Google Hacking Database	08	CO2
3	<b>Data Protection and Recovery Methods</b>	Encryption Methods and Vulnerabilities, Protecting Data from Being Compromised Internet Tracing Methods, Security and Wireless Technologies, Data deletion, and data recovery methods and techniques.	10	CO3
4	<b>Types of Computer Forensics Systems</b>	Internet Security Systems, Intrusion Detection Systems, Firewall Security Systems, Storage Area Network Security Systems, Network Disaster Recovery Systems, and Public Key Infrastructure Systems.	08	CO4
5	<b>Judicial and International Aspects of Cyber Forensic</b>	Cyber Jurisdiction, Treatment of Different Countries of Cyber Crime, Main features of Information Technology (Amendment) Act, 2008, Case Studies, Incident specific procedures–virus and worm incidents, Hacker incidents, social incidents, physical incidents, Guidelines for writing forensic report.	09	CO5

<b>Reference Books:</b>	
CHFI, <i>Computer Forensics: Investigating Network Intrusions and Cybercrime</i> (2nd Edition).	
John Sammons, <i>The Basics of Digital Forensics: The Primer for Getting Started in Digital Forensics</i> (Syngress, 2012).	
Marjie T. Britz, <i>Computer Forensics and Cyber Crime: An Introduction</i> (Pearson Education India, 3rd edn., 2013).	
Bill Nelson, Amelia Phillips, et.al., <i>Guide to Computer Forensics and Investigations</i> (Course Technology Inc, 4th edn., 2009).	
Larry Daniel, Lars Daniel, <i>Digital Forensics for Legal Professionals: Understanding Digital Evidence from the Warrant to the Courtroom</i> (Syngress, 2011).	
Talat Fatima, <i>Cyber Crimes</i> (Eastern Book Company, 2021).	
<b>e-Learning Source:</b>	
<a href="https://indiankanoon.org/">https://indiankanoon.org/</a>	
<a href="http://www.cybertorensics.in/">http://www.cybertorensics.in/</a>	
<a href="https://www.livelaw.in/">https://www.livelaw.in/</a>	

<b>Course Articulation Matrix: (Mapping of COs with POs and PSOs)</b>													
PO-PSO CO	POs								PSOs				
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	
CO1	3	3	3	3	3	2	1	2	1	2	3	2	
CO2	3	3	3	3	3	2	1	2	1	2	3	2	
CO3	3	3	3	3	3	2	1	2	1	2	3	2	
CO4	3	3	3	3	3	2	1	2	1	2	3	2	
CO5	3	3	3	3	3	2	1	2	1	2	3	2	

1- Low Correlation; 2- Moderate Correlation; 3- Substantial Correlation





## Integral University, Lucknow

<b>Effective from Session: 2023-24</b>							
<b>Course Code</b>	LW627	<b>Title of the Course</b>	Criminology & Penology	<b>L</b>	<b>T</b>	<b>P</b>	<b>C</b>
<b>Year</b>	II	<b>Semester</b>	III	<b>3</b>	<b>1</b>	<b>0</b>	<b>4</b>
<b>Pre-Requisite</b>	Law Graduate	<b>Co-requisite</b>					
<b>Course Objectives</b>	<ul style="list-style-type: none"> <li>To acquaint students with the nature of Crime and theories of Criminology.</li> <li>To familiarize students with the concept of punishment applicable in India and its relevance in the Criminal Justice System.</li> </ul>						

Course Outcomes	
<b>CO1</b>	To make students understand the concepts and principles of Criminology and Penology.
<b>CO2</b>	To make students analyze the philosophy of Criminology
<b>CO3</b>	To make students understand the prevention of crime relating to Juvenile Justice.
<b>CO4</b>	To make aware students of the concept of theories of punishment new aspects and challenges
<b>CO5</b>	To make students understand the prison administration and reforms

Unit No.	Title of the Unit	Content of Unit	Contact Hrs.	Mapped CO
1	<b>Crime and Criminology- Nature &amp; Extent</b>	Criminology: Nature, Scope and Significance, Nature, and Extent of Crime in India. Penology: Meaning, Definitions, and Characteristics. Approach to Penology caution against excessive reformation.	10	CO1
2	<b>Schools and Theories of Criminology</b>	Criminology: Schools of criminological thought (factors in the causation of criminal behavior), pre-classical school, Neo-Classical school, Radical positivism, and liberal positivism. Sociological theory of criminal behavior, Multiple factors approaches to crime causation, crimes in urban and rural areas, criminality as a socio-cultural pattern and criminal behavior, organized crime, environmental factor	11	CO2
3	<b>Prevention of Crime</b>	Juvenile Delinquency: Causes and Prevention of Juvenile Crime; the Distinction between Crime Prevention and Treatment; Juvenile Justice (Care and Protection of Children) Act, 2015; Approaches to Treatment of Offenders: Reformation and rehabilitation.	10	CO3
4	<b>Punitive Approaches: Theories and kinds</b>	Classical Hindu and Islamic approaches to punishment; New evolving theories of punishment and challenges, multiple approach theory; Principle of Just Deserts; International human right norm and system of Punishment and challenges; Capital punishment: judicial attitude towards capital punishment in India.	07	CO4
5	<b>Prison Administration and Reforms</b>	The prison system in India; The problem of prison; Discipline problem of criminality imprisonment; Prison reforms; Open Prison System; Procedure of Bail; Probation and Parole; Custodial torture in prison.	07	CO5

<b>Reference Books:</b>	
Sutherland and Cressey (1988) Criminology, Transaction Publisher, New York	
Ahmed Siddiqui (2022) Criminology, Penology and Victimology, EBC	
Katherine S Williams (2008), Textbook on Criminology, Oxford University Press	
N.V. Paranjape (Criminology and Penology and Victimology, EBC	
<b>e-Learning Source:</b>	
<a href="https://Indiankanoon.org">https://Indiankanoon.org</a>	
<a href="https://www.livelaw.in">https://www.livelaw.in</a>	
<a href="https://ipleader.in">https://ipleader.in</a>	

Course Articulation Matrix: (Mapping of COs with POs and PSOs)											
PO-PSO CO	PO1	PO2	PO3	PO4	PO5	PO6		PSO1	PSO2	PSO3	PSO4
	CO1	3	3	3	3					3	3
CO2	3	3	3	3				3	3	3	3
CO3	3	3	3	1				3	3	3	3
CO4	3	3	3			1		3	3	3	3
CO5	3	3	3			1		3	3	3	3

1- Low Correlation; 2- Moderate Correlation; 3- Substantial Correlation



## Integral University, Lucknow

Effective from Session: 2023-24							
<b>Course Code</b>	LW628	<b>Title of the Course</b>	Victimology and Victim Jurisprudence.	<b>L</b>	<b>T</b>	<b>P</b>	<b>C</b>
<b>Year</b>	II	<b>Semester</b>	III	<b>3</b>	<b>1</b>	<b>0</b>	<b>4</b>
<b>Pre-Requisite</b>	Law Graduates	<b>Co-requisite</b>					
<b>Course Objectives</b>	<ul style="list-style-type: none"> <li>The student will understand the historical development of victimology as a separate discipline and its role in exposing the conditions of victims.</li> <li>It will be an innovative effort at teaching and fostering an interdisciplinary approach aimed at providing access to victim Justice.</li> </ul>						

Course Outcomes	
<b>CO1</b>	This unit will demonstrate knowledge of the general history of 'victim' movements and victimology.
<b>CO2</b>	Students will be able to analyze the Patterns of Criminal Victimization and Participation.
<b>CO3</b>	Students will develop a critical understanding of the behavior and attitudes of family, society, and the criminal justice system toward the victim.
<b>CO4</b>	Students will be able to identify the emerging judicial trends in developing victim jurisprudence and victims' intervention with the criminal justice system.
<b>CO5</b>	Students will acquire knowledge of compensation schemes for the victims under specific statutory provisions.

Unit No.	Title of the Unit	Content of Unit	Contact Hrs.	Mapped CO
1	<b>Introduction</b>	Meaning, Definitions, Nature of Victimology and Concept of Victimology; Historical background & Development of Victimology in India; Rights of Victims: National and International Perspective.	11	CO1
2	<b>Patterns of Criminal Victimization</b>	Victims and offenders' relationship in National and International perspective; Victims of abuse of power-legislative measures; Victimization of women and children; Victim Participation in Criminal Justice System; NGO intervention.	10	CO2
3	<b>Impact of Victimization</b>	Physical and Financial Impact of Victimization; Impact of Victimization on family; Psychology and Social Impact of Victimization; Victimization, as a sense of security and Socio-economic development.	07	CO3
4	<b>Victims and Criminal Justice System</b>	The relationship between victim and offender. Relationship: Criminal Justice System and Victim, Victim & Police. Procedural aspects: Lodging of FIR & recording of statement; Deposition & cross-examination in courts; Withdrawal from the Prosecution, Transfer of cases. Judicial trends on victim justice.	10	CO4
5	<b>Compensatory Mechanism to Victim</b>	Theories of Victim Compensation; Restitution; Compensation by public authorities as a social obligation. Victim Compensation in India: Provisions under Cr.P.C., SC ST Atrocities (Prevention) Act, etc.	07	CO5

### Reference Books:

K.K. Dutta., Some Aspects of Criminal Law, Law Research Institute, Edition 1997, APH, Publishing House, Darya Ganj, New Delhi -02.
Dr. Mrinmaya Chaudhari, Languishing for Justice, A Critical Survey of the Criminal Justice System, DATTSONS, J. Nehru Marg, Sadar, Nagpur.
P.L. Malik, Criminal Court Handbook, 18 <sup>th</sup> Edition, Eastern Book Company, 32, Lalbagh, Lucknow -01.
Manjula Batra, Protection of Human Rights in Criminal Justice Administration, Deep and Deep Publication, New Delhi.
Parvesh K Atri, Readings in Criminal and Criminology, 1st edition 1998, Anmol Publication Pvt. Limited, New Delhi -2
Ahmed Siddiqui, Criminology, Problems and Perspectives, 4th edition 1997, Eastern Book Company, Lucknow -01
Clive Coleman and Clive Norris, Introducing Criminology, Edition 2000, Lawman (India) Pvt Limited, Lajpat Nagar, New Delhi -24
Bharat B Das, Victims in the Criminal Justice System, 1 <sup>st</sup> Edition 1997, APH Publication Corporation, New Delhi 2.
Makkar Singh, S.P.1993, Global perspectives in Victimology, ABC Publications, Jalandhar
V.N. Rajan, 1981, Victimology in India: An Introductory Study, Allied Publishers, New Delhi
V.V. Devasia, 1992, Criminology, Victimology, and Corrections. Ashish Publishing House, New Delhi

### e-Learning Source:

- <https://indiankanoon.org/>
- <https://ipleaders.in/>
- <https://www.livelaw.in/>

Course Articulation Matrix: (Mapping of COs with POs and PSOs)											
PO- PSO CO	PO1	PO2	PO3	PO4	PO5	PO6		PSO1	PSO2	PSO3	PSO4
CO1	3	3	3					3	3	3	3
CO2	3	3	3	1				3	3	3	3
CO3	3	3	3	2				3	3	3	3
CO4	3	3	3			1		3	3	3	3
CO5	3	3	3					3	3	3	3

**1- Low Correlation; 2- Moderate Correlation; 3- Substantial Correlation**

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## Integral University, Lucknow

<b>Effective from Session:</b> 2023-2024							
<b>Course Code</b>	LW629	<b>Title of the Course</b>	Cyber Crime and Cyber Security Laws	<b>L</b>	<b>T</b>	<b>P</b>	<b>C</b>
<b>Year</b>	II	<b>Semester</b>	III	<b>3</b>	<b>1</b>	<b>0</b>	<b>4</b>
<b>Pre-Requisite</b>	Law Graduate	<b>Co-requisite</b>					
<b>Course Objectives</b>	<ul style="list-style-type: none"> <li>This course acquaints the students with the concepts of cybersecurity and the impact of cybercrimes.</li> <li>This course aims to incorporate the skills in students that can help them plan, implement, and monitor cyber security mechanisms to protect digital information.</li> </ul>						

Course Outcomes	
<b>CO1</b>	The students will be able to understand the meaning, nature and scope of cyber security and cyber law.
<b>CO2</b>	The students will be able to know the intricacies of various kinds of cybercrimes and its prevention.
<b>CO3</b>	The students will be able to understand the legal and investigative framework for cybercrimes and will also expose students to the limitations of certain relevant legislations.
<b>CO4</b>	The students will be able to understand the basic concepts related to E-Commerce, digital payments, and preventive measures.
<b>CO5</b>	Students will understand the issues and challenges of cyber security.

Unit No.	Title of the Unit	Content of Unit	Contact Hrs.	Mapped CO
1	<b>Introduction to Cyber Security and cyber law</b>	Defining Cyberspace, regulation of cyberspace, the concept of cyber security, Differences between cyber-crime and cyber security, understanding cyber-criminal behaviour using criminological theories, Forensic computing, and its various attributes.	08	CO1
2	<b>Digital Threats to Cyber World</b>	Definition, Classification of cyber-crimes. Common cybercrimes: cybercrime targeting computers, Cyber Phishing, Data Diddling, Cyberbullying, website defacement, Cybersquatting, Pharming, Cyber espionage, Cryptojacking, Darknet, Social Media Scams & Frauds, cybercrime against women and children, cyber terrorism, cyber warfare, and cryptocurrency, current cyber security threat and future of cybercrimes; Prevention of cybercrimes: Tools and Techniques.	08	CO2
3	<b>Regulatory Framework of Cyber Crime</b>	Regulatory Framework of Cybercrime, Investigation, Relevant Provisions: Information Technology Act, 2000 and its amendments, Indian Penal Code, 1860 and Indian Evidence Act, 1872; Organizations dealing with Cybercrime and Cyber security in India. Remedial and mitigation measures, Relevant Case laws.	08	CO3
4	<b>E-commerce, Digital payments, and Data Privacy</b>	Definition of E-Commerce and its elements, E-Commerce threats, Introduction to digital payments, and its components, Digital payments related common frauds, and preventive measures. Relevant provisions of the Consumer Protection Act, 2019. Evolution of Data Privacy in India, Defining Data, Data Protection; Data Privacy and Data Security; Digital Personal Data Protection Bill; social media and Data Privacy.	11	CO4
5	<b>Issues &amp; Challenges to Cyber Security</b>	Cyber security challenges: Lack of Uniformity in Laws; Transnational nature of Cybercrime; Lack of awareness and culture of cyber security; Infrastructural loopholes; Cyber Extradition; Jurisdictional issues of cyberspace.	10	CO5

**Reference Books:**

- Cyber Crime Impact in the New Millennium, by R. C Mishra Author Press. Edition 2010.
- Cyber Security Understanding Cyber Crimes, Computer Forensics and Legal Perspectives by Sumit Belapure and Nina Godbole, Wiley India Pvt. Ltd. (First Edition, 2011)
- Security in the Digital Age: Social Media Security Threats and Vulnerabilities by Henry A. Oliver, Create Space Independent Publishing Platform. (Pearson, 13th November 2001)
- Cyber Laws: Intellectual Property & E-Commerce Security by Kumar K, Dominant Publishers.
- Data Privacy Principles and Practice by Natraj Venkataramanan and Ashwin Shriram, CRC Press

**e-Learning Source:**

<https://www.researchgate.net/> : <https://www.livelaw.in/>: <https://ipleaders.in/>: <https://cyware.com>

**Course Articulation Matrix: (Mapping of COs with POs and PSOs)**

PO-PSO CO	PO1	PO2	PO3	PO4	PO5	PO6		PSO1	PSO2	PSO3	PSO4
	<b>CO1</b>	3	3	3				1		3	3
<b>CO2</b>	3	3	3			1		3	3	3	3
<b>CO3</b>	3	3	3					3	3	3	3
<b>CO4</b>	3	3	3					3	3	3	3
<b>CO5</b>	3	3	3			1		3	3	3	3

1- Low Correlation; 2- Moderate Correlation; 3- Substantial Correlation



## Integral University, Lucknow

<b>Effective from Session: 2023-24</b>							
<b>Course Code</b>	LW630	<b>Title of the Course</b>	Criminal Psychology	<b>L</b>	<b>T</b>	<b>P</b>	<b>C</b>
<b>Year</b>	II	<b>Semester</b>	III	<b>3</b>	<b>1</b>	<b>0</b>	<b>4</b>
<b>Pre-Requisite</b>	Law Graduates	<b>Co-requisite</b>					
<b>Course Objectives</b>	<ul style="list-style-type: none"> <li>This course approaches the knowledge and understanding of criminal behavior and its impact on individuals and society from developmental, cognitive-behavioral, and other psychological perspectives.</li> <li>The basic premise of the course is that multiple variables affect people's behavior and for these reasons, this study requires attention to personality factors and how they interact with situational variables</li> </ul>						

Course Outcomes	
<b>CO1</b>	To acquaint the students with the importance and scope of Psychology in the determination of Crime and Criminal Behavior
<b>CO2</b>	The students would be able to understand the Criminal competencies and Psychology of the criminals.
<b>CO3</b>	The students would have intricate knowledge about criminal behavior pertaining to terrorism and cybercrimes.
<b>CO4</b>	The students shall understand the procedure of the selection and training of Law enforcement personnel.
<b>CO5</b>	The students shall be able to understand the psychological precursors of crime.

Unit No.	Title of the Unit	Content of Unit	Contact Hrs.	Mapped CO
1	<b>Psychology of Criminal Behavior</b>	Definition, nature, and Scope of criminal psychology; Theories of Crime: Psychological Theories, Social Theories, Diathesis–Personality stress behavior; Crime trends in India; Prevention of crime; Kinds of Criminals: Psychopath–Juvenile delinquency, mentally ill offenders, Serial killers & Rampage killers, Sex offenders.	10	CO1
2	<b>Police Psychology and Drug-Related Crime</b>	Criminal competencies: Psychological autopsy–and manner of death; Psychological profiling and personality of criminals in the context of Law; Future predictions of criminal behavior on the basis of criminal profiling; Psychology of aggression and violence.	08	CO2
3	<b>Violent Criminal Behavior and Cyber Crimes</b>	Terrorism – Domestic and international; Drugs and Crime; Cyber-crimes – defined, Cyber-terrorism, bullying, harassment, stalking.	07	CO3
4	<b>Selection &amp; Training of law enforcement personnel.</b>	Selection of the police officers: Pre-employment selection, fitness for duty: evaluation, psychometric tools; Training of the police officers: Interactions with the mentally ill, Domestic disturbance, Hostage negotiations; Personality of Police officers; Job stress and discretion.	10	CO4
5	<b>Role of Psychology in Prevention, Assessment &amp; Treatment</b>	Psychological precursors to crime: Crime patterns – psychological analysis; Mental Health and the law; Emerging issues in crime and justice.	10	CO5

<b>Reference Books:</b>	
Bachhav, Aun M. (2012). Criminal Psychology. Chandralok Prakashan, Kanpur -208021	
Bharati, A. (2012). Studies on Criminological Psychology. G.S. Rawat for Ceber Tech Publications. New Delhi- 110 002	
Cohen, R.J., Swerdlik, M.E. (2005). Psychological testing and assessment (6th ed.). Delhi: Tata McGraw-Hill. Gregory, R.J. (2005). Psychological Testing (4th ed.). Delhi: Pearson education Pte.Ltd. Suryanarayana, N.V.S, Himabindu Goteti, Neelima V. (2011).	
Cyber Psychology. Sonali Publications, New Delhi- 110 002 Thou Teisi (2011).	
Forensic Psychology. ABD Publishers, Jaipur-302018	
Veereshwar, P. (2002). Indian systems of psychotherapy. Delhi: Kalpaz publications	
<b>e-Learning Source:</b>	
<a href="https://indiankanoon.org/">https://indiankanoon.org/</a>	
<a href="https://www.livelaw.in/">https://www.livelaw.in/</a>	
<a href="https://ipleaders.in/">https://ipleaders.in/</a>	

Course Articulation Matrix: (Mapping of COs with POs and PSOs)											
PO-PSO CO	PO1	PO2	PO3	PO4	PO5	PO6		PSO1	PSO2	PSO3	PSO4
	<b>CO1</b>	3	3	3	3				3	3	3
<b>CO2</b>	3	3	3	3				3	3	3	3
<b>CO3</b>	3	3	3	3				3	3	3	3
<b>CO4</b>	3	3	3					3	3	3	3
<b>CO5</b>	3	3	3	2				3	3	3	3

**1- Low Correlation; 2- Moderate Correlation; 3- Substantial Correlation**



**Integral University, Lucknow**

Effective from Session: 2023-24							
<b>Course Code</b>	LW631	<b>Title of the Course</b>	Dissertation and Viva-Voce	<b>L</b>	<b>T</b>	<b>P</b>	<b>C</b>
<b>Year</b>	II	<b>Semester</b>	IV	2	2	8	8
<b>Pre-Requisite</b>	Law Graduates	<b>Co-requisite</b>					
<b>Course Objectives</b>	To make the students aware of the various tools and technique of research and conduct quality research in the chosen field of specialization.						

Course Outcomes	
1	The student will conduct legal research using primary and secondary sources, analyzing the guiding principles of their chosen thesis topic, and assess legal knowledge.
2	The students shall be able to apply the law to complicated problems and evaluate each statute's application from a policy standpoint.
3	The dissertation shall be prepared for a legal audience, organize and maintain clear, cogent written arguments.
4	The student shall conduct and analyze legal research, and write, individually the chosen topic of the dissertation
5	The research work shall reflect on their capacity to successfully carry out individual tasks and also analyze the influence of law from policy perspectives, in the context of social and cultural diversity.

Unit No.	Title of the Unit	Content of Unit	Contact Hrs.	Mapped CO
1		The dissertation topic will be approved by the Head of Department from the three tentative topics given by the students.		
2		The dissertation shall be submitted one month prior to the theory paper.		
3		The copy of the dissertation may be sent to the external examiners for evaluation by the department.		
4		The scheme of evaluation of dissertation comprises of dissertation 150 marks and viva voce 50 marks.		

Reference Books:
All available books and journals on the chosen topic of research.
e-Learning Source:
<a href="https://indiankanoon.org/">https://indiankanoon.org/</a>
<a href="https://www.livelaw.in/">https://www.livelaw.in/</a>
All legal e-databases.

Course Articulation Matrix: (Mapping of COs with POs and PSOs)											
PO-PSO CO	PO1	PO2	PO3	PO4	PO5	PO6	PSO1	PSO2	PSO3	PSO4	
	CO1	3	3	2	2	2	3	3	3	3	3
CO2	3	3	2	3	2	3	3	3	3	3	
CO3	3	3	3	3	3	3	3	3	3	3	
CO4	3	3	3	3	3	3	3	3	3	3	
CO5	3	3	2	2	3	3	3	3	3	3	

**1-Low Correlation; 2- Moderate Correlation; 3- Substantial Correlation**





**Integral University, Lucknow**

<b>Effective from Session: 2023-24</b>							
<b>Course Code</b>	LW632	<b>Title of the Course</b>	Training and Management of Forensic Evidence	<b>L</b>	<b>T</b>	<b>P</b>	<b>C</b>
<b>Year</b>	II	<b>Semester</b>	IV	<b>0</b>	<b>1</b>	<b>4</b>	<b>3</b>
<b>Pre-Requisite</b>	Law Graduates	<b>Co-requisite</b>					
<b>Course Objectives</b>	<ul style="list-style-type: none"> <li>This course implies Theory- practice integration through diagnostic methods.</li> <li>The students shall be trained to develop their research/ investigative skills which are essential in the field of Forensic science.</li> </ul>						

<b>Course Outcomes</b>	
<b>CO 1</b>	The course shall expose students to interactions between attorneys and consultants and a variety of top-level experts in the forensic sciences.
<b>CO 2</b>	The course shall make the students learn each stage of the expert's involvement in the legal process.
<b>CO 3</b>	The students shall actively participate in the research projects of the Forensic Labs gaining exposure to methodology, data collection, and data analysis.
<b>CO 4</b>	The student shall be involved in legal and scientific writing assignments having a potential for publication
<b>CO 5</b>	The student shall be able to practice analytical skills with the simulation method in a peer group under the supervision of faculty.

<b>Unit No.</b>	<b>Title of the Unit</b>	<b>Content of Unit</b>	<b>Contact Hrs.</b>	<b>Mapped CO</b>
1	<b>Introduction</b>	Crime Scene Management	6	CO1
2	<b>Documents and Identification</b>	Analysis of Questioned Document; Examination of Identification Marks	6	CO2
3	<b>Study of Poisons and Drugs</b>	Basics of Toxicology, Relevancy in Investigation; Drugs and Narcotics	6	CO3
4	<b>Analysis of Blood</b>	Serology and its Evidentiary Value	6	CO4
5	<b>New Issues of Forensics</b>	DNA Finger Printing and Computer Forensics	6	CO5

<b>Reference Books:</b>
Forensic Science and Crime Investigation Manual All available books and journals on the chosen topic of research.
<b>e-Learning Source:</b>
All legal e-databases.

<b>Course Articulation Matrix: (Mapping of COs with POs and PSOs)</b>											
<b>PO-PSO CO</b>	PO1	PO2	PO3	PO4	PO5	PO6	PSO1	PSO2	PSO3	PSO4	
	<b>CO1</b>	3	3	2	2	2	3	3	3	3	3
<b>CO2</b>	3	3	2	3	2	3	3	3	3	3	
<b>CO3</b>	3	3	3	3	3	3	3	3	3	3	
<b>CO4</b>	3	3	3	3	3	3	3	3	3	3	
<b>CO5</b>	3	3	2	2	3	3	3	3	3	3	

**1-Low Correlation; 2- Moderate Correlation; 3- Substantial Correlation**