

 SANKALCHAND PATEL UNIVERSITY ॥ अथातो ज्ञानजिज्ञासा ॥	Faculty of Engineering and Technology Master of Technology (Semester I / First year) In Effect from Academic Year 2023-24
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Branch Name:	CYBER SECURITY
Program Code:	ET207
Course Title:	Introduction to Forensic Science and Cyber Law Practical
Course Code:	2ET2070101P
Pre-requisite Course:	To enable learner to understand, explore, and acquire a critical understanding cyber law and forensic science.

Course Objectives:

Elements of Criminal Procedure Code related to forensic science and Law.

Teaching and Examination Scheme:

Credit	Teaching Scheme Hours per week				Evaluation Scheme (Marks)								
					Theory (Marks)				Practical (Marks)				Total (Marks)
	L	T	P	Total	SEE		CCA		SEE		CCA		
					Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	
1	-	-	2	2	-	-	-	-	-	25	-	25	50

Course Contents:

Unit	Details	Contact Hours
1	a. To study the history of crime cases from forensic science perspective. b. To cite examples of crime cases in which apprehensions arose because of Daubert standards. c. To review the sections of forensic science at INTERPOL and compare with those in Central Forensic Science Laboratories in India. Include suggestions for improvements if any. d. To study the annual reports of National Crime Records Bureau and depict the data on different type of crime cases by way of smart art/templates.	8
2	a. To write report on different type of crime cases. b. To review how the Central Fingerprint Bureau, New Delhi, coordinates the working of State Fingerprint Bureaus. FIRST YEAR c. To examine the hierarchical set up of different forensic science establishments and suggest improvements. d. To examine the list of projects undertaken by the Bureau of Police Research and Development and suggest the thrust areas of research in Police Science.	8
3	a. To compare and contrast the role of a Police Academy and a Police Training School. b. To compare the code of conduct prescribed by different establishments for forensic scientists. c. To cite example of a case in which the opinion of an expert was called for under Section 45 of the Indian Evidence Act. d. To study the powers and limitations of the Court of Judicial Magistrate of First Class.	8
4	a. To visit a 'Model Police Station' and examine the amenities vis-à-vis conventional police stations. b. To evaluate how rising standards of living affect crime rate. c. To review the recommendations on modernization of police stations and evaluate how far these have been carried out in different police stations. d. To cite examples of crime cases in which the media acted as a pressure group.	8

Reference Books:

1. W.J. Tilstone, M.L. Hastrup and C. Hald, Fisher's Techniques of Crime Scene Investigation, CRC Press, Boca Raton (2013)
2. S.H. James and J.J. Nordby, Forensic Science: An Introduction to Scientific and Investigative Techniques, 2nd Edition, CRC Press, Boca Raton (2005)
3. R. Saferstein, Criminalistics, 8th Edition, Prentice Hall, New Jersey (2004).
4. Vipa P. Sarthi, Law of Evidence, 6th Edition, Eastern Book Co., Lucknow (2006).

Course Outcomes:

At the end of the course, students will be able to:

Course Outcomes	Description	Bloom's Taxonomy Level
CO1	The fundamental principles and functions of forensic science.	Understanding (2)
CO2	The working of the forensic establishments in India and abroad	Understanding (2)
CO3	The significance of criminal profiling to mitigate crime.	Applying (3)
CO4	Elements of Criminal Procedure Code related to forensic science.	Applying (3)

Mapping of CLO with PO and PSO

Course Learning Outcomes	Program Outcomes (POs)												Program Specific Outcomes(PSOs)			
	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PS O1	PS O2	PS O3	PS O4
CLO1	H	M	M		M											
CLO2	H	M			M							L				
CLO3	H	M	M		M											
CLO4	M	M	M		M							L				

H: High, M: Medium, L: Low