



Course Title: INTRODUCTION TO FORENSIC SCIENCE

Credit Units: 2

Course Level: UG

Course Code: FSIC 102

L	T	P/S	SW/F W	TOTAL CREDIT UNITS
2	0	0	0	2

**Course Objectives:** The course focuses on following objectives:

- Developing an understanding and appreciation for the scope of Forensic Sciences.
- Develop an understanding on historical development, Mobile Forensic Units and Expert's testimony.
- Develop brief knowledge on functions and services provided by the Forensic Laboratories

**Pre-requisites:** No Pre-requisite.

**Course Contents/Syllabus:**

	Weightage (%)
<b>Module I : Brief description of Forensic Science</b>	
<b>Descriptors/Topics</b> Definition, description, principles, concept, needs and scope.	20
<b>Module II : History of Forensic Science</b>	
<b>Descriptors/Topics</b> History of Forensic Science and Forensic Science Labs; Progressive development and transformation of Forensic Science Labs.	20
<b>Module III : Forensic Science Laboratories</b>	
<b>Descriptors/Topics</b> Main Authority, Organizational structure of Forensic Science Laboratory – roles and responsibilities, Sections/ Divisions, Services Provided.	20
<b>Module IV : Mobile Forensic Units</b>	
<b>Descriptors/Topics</b> Mobile forensic science laboratory – their distribution in India, functions, need and utility.	20
<b>Module V : Evidence Applicability in Court</b>	
<b>Descriptors/Topics</b> Definition, Various types of evidences, the law of evidence, Expert's testimony and admissibility of scientific evidence in court of Law.	20

**Student Learning Outcomes:** The students will:

- Familiar with historical developments in the field of Forensic Science.
- **Recognize** the organizational structure and working of Forensic Science Labs and Mobile Forensic Units.
- **Expert's** testimony and admissibility of scientific evidence in court of Law.

**Pedagogy for Course Delivery:**

This course will be taught in active-learning mode, featuring both lectures and tutorials including presentations on requirement, which will provide students the vast knowledge of subject, enhance their reasoning skills and provide them abundant opportunity to express their opinions.

**Lab/ Practicals details, if applicable:** NA

**Assessment/ Examination Scheme:**

<b>Theory L/T (%)</b>	<b>Lab/Practical/Studio (%)</b>	<b>Total (%)</b>
<b>100</b>	<b>0</b>	<b>100</b>

**Theory Assessment (L&T):**

<b>Continuous Assessment/Internal Assessment</b>			<b>End Term Examination</b>	
<b>Components (Drop down)</b>	<b>A</b>	<b>H</b>		<b>CT</b>
<b>Weightage (%)</b>	5	10	15	70

**Lab/ Practical/ Studio Assessment: NA****Text Reading & References:**

- Bodziak, W., Footwear Impression Evidence (2<sup>nd</sup> Edn.) CRC Press, Boca Raton, Florida, 2000.
- DeForest, P., Gaensslen, R., and Lee, H., Forensic Science; an Introduction to Criminalistics, McGraw Hill, New York, 1983.
- Fisher, B., Techniques of Crime Scene Investigation (6<sup>th</sup> Edn.) CRC Press, Boca Raton, Florida, 2000.
- James, S. H. And Nordby, J. J. (Eds), Forensic Science - An Introduction to Scientific and Investigative Techniques, CRC Press, London, 2003.
- James, S., and Eskerc, W., Interpretation of Blood Stain Evidence at Crime Scenes, (2<sup>nd</sup> Edn) CRC Press, Boca Raton, Florida, 1999.
- Saferstein, Richard, Criminalistics, An Introduction to Forensic Science, 6<sup>th</sup> Ed. Prentice-Hall, New Jersey, 1998.
- Sharma, B. R., Forensic Science in Criminal Investigation and Trials (3<sup>rd</sup> Edn) Universal Law Publishing Co. Ltd. New Delhi, 2001.