



COURSE CURRICULUM

Course Title: PHOTOGRAPHY, FORENSIC MEDICINE & ODONTOLOGY - PRACTICAL

Course Code: FSIC 611

Credit Units: 3

Course Level: PG

Course Objectives: Photograph crime scene and present the evidence through photographs and charts and identify individual by using dentition:

Pre-requisites: Basic Knowledge in Biology, Chemistry and physics

L	T	P/S	SW/F W	TOTAL CREDIT UNITS
2	0	2	0	3

Course Contents/Syllabus:

	Weightage (%)
Module I :	
Descriptors/Topics Basic structure of human teeth, types of teeth & their morphology, and determination of age from teeth using various methods, dental anomalies and their role in Personal Identification. Bite marks: Types & forensic importance .Collection and preservation of samples, analysis of Bite marks, presentation of bite mark evidences in court of law.	34
Module II :	
Descriptors/Topics Photography of Indoor and outdoor crime scenes; use of photography in Reconstructing of the crime scene and its presentation in the court of law. Image magnification UV and I. R. illuminated Photography, Photography of the Artefact evidences.	33

Student Learning Outcomes: After completing the practical's the student will have the knowledge to practically:

- **Identify** individual teeth by morphological features.
- **Estimate** age from teeth.
- **Compare** and identify individuals from bite marks.
- **Describe** the Photography of indoor and outdoor crime scene.

Pedagogy for Course Delivery:

This course will be taught in the active –learning mode, featuring lecture and practical which would provide students abundant opportunity for performing, learning and interaction.

Lab/ Practicals details, if applicable: NA

List of Experiments:

List of Experiments:	Weightage (%)
<ul style="list-style-type: none"> • Identification of individual teeth based on the morphological features. • Estimation of age from the teeth. <ul style="list-style-type: none"> a. Living subject b. Maxilla & mandible • Comparison and Identification of Individuals from bite marks • Autopsy observation through visits and recording the files. • Camera, its various parts & their importance • Taking Photographs <ul style="list-style-type: none"> a. Photography of Outdoor Crime Scene b. Indoor photography including the laboratory • Presentation of Evidence through Photograph and charts. 	33

Assessment/ Examination Scheme:

Theory L/T (%)	Lab/Practical/Studio (%)	Total (%)
67	33	100

Theory Assessment (L&T):

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

Lab/ Practical/ Studio Assessment:

Components (Drop down)	Continuous Assessment/Internal Assessment		End Term Examination		
	Practical (Conduction Through Out the Semester)	Attachment	Record File	Viva	Practical Exam
Weightage (%)	25	5	10	25	35