



**YENEPOYA**  
DEEMED TO BE  
**UNIVERSITY**

Recognized under Sec 3(A) of the UGC Act 1956  
ACCREDITED BY NAAC WITH GRADE 'A'



**CENTRE FOR FORENSIC ODONTOLOGY**  
**VALUE ADDED COURSE IN FORENSIC**  
**ODONTOLOGY**  
**FOR INTERNS**

**Course Coordinator**

**Dr Sudeendra Prabhu,**  
**Professor and Incharge Head,**  
**Centre for Forensic Odontology,**  
**Yenepoya Dental College**  
**Yenepoya (Deemed to be University)**  
**Mangalore**  
For details : [odontology@yenepoya.edu.in](mailto:odontology@yenepoya.edu.in)

## **1. Preamble:**

Forensic Odontology is branch of Dentistry which helps in, identification of the deceased, skeletal remains and criminals in assault cases with the help of dental evidence. Though it plays a major role in Forensic identification, adequate importance is not given to practical training in regular dental curriculum. This course is intended to train the candidates on various steps in establishing a identification based on dental evidence.

## **2. Scope and need for starting the course:**

According to the Indian Judicial system, any qualified dentist (General dental practitioner), can be an expert in forensic identification based on dental evidence. However, due to lack of hands on training and lack of specialty in this branch of dentistry, dentists are not actively taking part, as a member of forensic team. This course gives an opportunity for the dental interns, to learn preliminary training, with which they can pursue further studies, research, or practice forensic odontology as a career option.

## **3. For whom is it meant:** Dental Interns(post BDS),

## **4. Eligibility:** Participant should have successfully completed the final year Part 2 BDS examination

## **5. Objectives of the course**

- a. To train in basic concepts of Forensic medicine, Forensic Anthropology and Forensic Odontology
- b. To develop essential competency in Age estimation, Sex determination, population identification and bite mark analysis.
- c. To provide hands on training with pre-solved case based analysis

## **6. Duration of the course: Including hours of theory/practical/clinical/ hands- on:**

- Two months duration
- Total Hours- 30
- 10 hrs Theory (Online)
- 20 hrs Practical/ Observership (Contact program)

## **7. Medium of Instruction:**

The medium of instruction for this programme is English.

## 8. Course content

Theory- 10hrs (Lectures / Discussions ) and Practical 20 (Demonstration and/ hands on) hours		
<b>UNIT 1: Forensic Medicine and Anthropology</b>		
Topics	Hours	Faculty
Role of Forensic Medicine and Forensic Anthropology in positive identification and Ethics in handling forensic cases	2 hrs	<b>Dr Vina Vaswani</b>
Introduction and Basic Concepts of Forensic Odontology	2 hrs	<b>Dr.Sudeendra Prabhu</b>
<b>UNIT II: Age estimation</b>		
Forensic Dental Age estimation	4 hr	<b>Dr Srikanth Natarajan Dr.Umme Amarah</b>
Age estimation methods in children and adolescents		
Age estimation in adults		
<b>UNIT III: Sex determination and Population identification</b>		
Sex assessment from Teeth and skull	4 hrs	<b>Dr.Sudeendra Prabhu Dr.Syed Miqdad</b>
Stature estimation from teeth		
Population identification from dentition		
<b>UNIT IV: Disaster Victim Identification</b>		
Disaster Victim Identification	4 hrs	<b>Dr.Deepak V Dr.Syed Miqdad</b>
<b>UNIT V: Case based Analysis</b>		
Hands on course for Pre-solved cases (Practicals)	14 hrs	<b>Dr.Ashith Acharya Dr.Sudeendra Prabhu Dr.Syed Miqdad Dr.Umme Amarah</b>

## 9. Teaching / Learning modalities including online instructions, contact programme etc.:

- Interactive Lectures by Power point presentations,
- E-Learning using YENGAGE, E-Portal of Yenepoya (Deemed to be University)
- Group discussions
- Assignments
- Hands on training

## 10. Evaluation

a. Internal Assessment (Assignments and Case work)-25 marks

b. External Assessment

MCQ's

25 Question \* 1 mark each = 25 marks

c. Evaluation:

	Maximum Marks	Eligibility for Pass
Theory (MCQs)	25	10 (40%)
Internal Assessment	25	10 (40%)
Total marks	50	20 (40%)

d. Criteria for eligibility to appear Final Exam

- 80% attendance in both theory and practical individually

## 11. Criteria for eligibility for obtaining the course completion certificate

Participants should have secured a cumulated pass mark of 40 % (Internal assessment + theory + External assessment)

## 12. Attendance requirements:

80% attendance in both theory and practicals individually

## 13. Course faculty:

- External Experts

**Dr Ashith B Acharya.**

Professor and Head,

Department of Forensic Odontology

SDM College of Dental Sciences

Dharwad.

**Dr Srikanth N.**

Co-ordinator, Centre for forensic Odontology

Dept of Oral Pathology

Manipal College of Dental Sciences

Mangalore

**Dr.Deepak V**

Assistant Professor

MR Ambedkar Dental College

Bangalore.

- **Internal Faculty**
  - a. **Dr Vina Vaswani, Professor, Yenepoya Medical College**
  - b. **Dr Sudeendra Prabhu, Professor, Incharge Head, Centre for Forensic Odontology**
  - c. **Dr Syed Miqdad, Senior Lecturer, Centre for Forensic Odontology**
  - d. **Dr Umme Amara, Senior Lecturer, Centre for forensic Odontology**

#### **14. Fees Structure**

Rs.5000/- per participant

#### **15. Admissions**

Minimum 10 and maximum 20 participants/batch

#### **16. Stipend ,if any: NIL**

#### **17. Award of Certificate / Diploma:**

Yenepoya Dental College, Mangalore will award final certificate to the participants on successful completion of the course.