## INNOVATIVE SUSTAINABLE DEVELOPMENT THROUGH FIELD PROJECTS **ACADEMIC YEAR 2024-25**

# DEPARTMENT OF COMPUTER ENGINEERING













## Name of the Organization: Government Dental College & Hospital, Mumbai

#### FORENSIC DENTISTRY: DIGITAL APPLICATION FOR HUMAN IDENTIFICATION

Forensic identification is crucial in medical and legal cases, yet traditional record-keeping methods are often inefficient, unsecure, and fragmented. The lack of a standardized digital system hampers forensic investigations and delays justice. Our project, Forensodont, addresses this challenge by providing a secure, user-friendly mobile application for doctors to store patient details, medical history, and radiographic images in an organized digital database. It aligns with SDG 3: Good Health and Well-being, by improving medical data management, SDG 16: Peace, Justice, and Strong Institutions, by enhancing forensic identification and legal processes, and SDG 17: Partnerships for the Goals, by fostering collaboration between medical, legal, and forensic experts for more efficient investigations.







## **Domain: Application Design and Product Development**







**Group No. 4** 



#### **Team Members**

- 1. Vedant Mhatre
- 2. Aditya Upasani
- 3. Rushikesh Shembade
- 4. Aditya Sarvankar

## Mentor

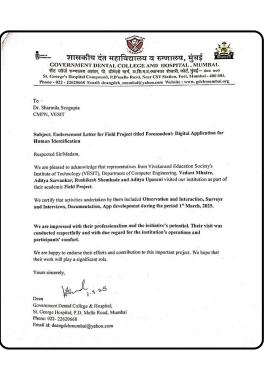
Dr. Sharmila Sengupta

#### Form to accept Patient data An application built Dental Examination using Flutter Database to access stored data and antemortem radiographic and speciment images

### **Proposed Solution**



#### GitHub Link **Video Link**



#### **Endorsement Letter**