

**Centre for Constitutional Law and Human Rights,  
Alliance School of Law**

**Guest Lecture Report:  
“FORENSIC INVESTIGATION”**



**Alliance School of Law,  
Alliance University, Bangalore  
Submitted report on 30-04-2024**

**Guest Lecture Report: “FORENSIC INVESTIGATION”**

Guest Lecture was conducted by the **Centre for Constitutional and Human Rights,**

## **Profile of the speaker**



### **Dr. Dinesh Rao**

MBBS, DFM, MD, DNB, LL. B,  
ACME, FFLM(UK) HOD, **Forensic  
Medicine Dept, AIIMS, Jammu.**

Dean, Student Welfare Ex-Director  
& Chief Forensic Pathologist,  
Jamaica

### **Details of the Guest Lecture:**

**Date: Friday 19-April-2024**

**Venue: Seminar Hall – III, 1<sup>st</sup> floor, Learning Centre**

**Time: 10.30 AM To 04:00 PM**

**Topic: “ Forensic Investigation”**

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## **Introduction**

Dr. Dinesh Rao, an esteemed expert in the field of forensic medicine, delivered a comprehensive guest lecture on "Forensic Investigation" at Alliance University. His vast experience and impressive qualifications provided valuable insights into various aspects of forensic investigation.

## **Ballistics**

Dr. Rao commenced the lecture by delving into the intricate domain of ballistics. He elucidated the fundamental principles of ballistics, including the study of firearms, ammunition, and their effects on objects and individuals. With his expertise, he provided a detailed analysis of gunshot wounds, trajectory analysis, and the identification of firearm types based on ballistic evidence.

Dr. Rao's engaging presentation shed light on the crucial role of ballistics in forensic investigations, particularly in cases involving firearms-related incidents.

## **Crime Scene Investigation**

Transitioning seamlessly, Dr. Rao navigated through the critical components of crime scene investigation. He highlighted the importance of methodical approaches, meticulous documentation, and the preservation of evidence at crime scenes.

Drawing from his extensive experience, he shared practical insights into evidence collection techniques, forensic photography, and the significance of chain of custody protocols.

Dr. Rao's expertise illuminated the complexities of crime scene investigation, highlighting its pivotal role in uncovering crucial evidence and reconstructing events to aid in criminal proceedings.

## **Forensic Investigation**

Concluding the lecture, Dr. Rao explored the broader scope of forensic investigation, encompassing various disciplines such as forensic pathology, toxicology, and forensic anthropology.

He discussed the interdisciplinary nature of forensic investigations and emphasized the collaborative efforts required to ensure comprehensive analysis and interpretation of evidence. Dr. Rao underscored the ethical considerations and adherence to professional standards essential in forensic investigations to uphold the integrity of the legal process and deliver justice.

Dr. Dinesh Rao's guest lecture on "**Forensic Investigation**" provided attendees with a profound understanding of key forensic principles and methodologies.

His expertise, coupled with insightful examples and case studies, enriched the audience's knowledge and deepened their appreciation for the intricate workings of forensic science.

The lecture served as a valuable platform for fostering dialogue and collaboration among professionals in the field, ultimately advancing the pursuit of truth and justice through forensic investigation.



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