



ROLE OF FORENSIC SCIENCE IN CRIMINAL INVESTIGATION: ADMISSIBILITY IN INDIAN LEGAL SYSTEM AND FUTURE PERSPECTIVE

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ABSTRACT

At present time science is expanding at an ever increasing rate and forensic science- the application of scientific techniques to provide objective, circumstantial evidence- shares in this process. As a result more and more scientific evidence is being given, is becoming more and more technical and is all too often less and less comprehensible to the non-scientist. Forensic science is not an individual subject but it is an umbrella term that consists of other disciplines of science and touches almost every boundary of medical subjects. It is an exercise of common sense coupled with the experience and knowledge already acquired from other branches of medicine, obstetrics, and surgery. The evolution of the forensic science field over the past twenty-five years has made dramatic scientific breakthroughs (DNA typing, physical evidence databases, related scientific instrumentation). Due to limited resources forensic techniques are not utilized in most criminal investigations. There have been more targeted studies of DNA testing and its costs and effects upon the solution of cold cases and property crimes, but no studies examining the full array of physical evidence and the processing of cases through the criminal justice process. Examination of evidence may assist the investigator in determining how a crime has been committed. The present paper aims at to explore the applicability of Forensic science in criminal investigation and what role it plays in keeping law and order in a society. This paper also throws light on how forensic science is acting as a bridge between the medical scientists and legal scientists.

Key Words: *criminal investigation, forensic science, justice, medical jurisprudence.*

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