1. **Scientific criminal investigation:** Medical jurisprudence with crime - Forensic science and Crime- Law of forensic science- Principles of Forensic science- Problems of proof -Expert witness - Forensic science institutions- Tools and technology

2. **Role of investigator:** Identification of Individual – Interrogation – Surveillance – Scene of occurrence- sketching the scene -police photography -Forensic psychology - Voice analysis- Cyber forensics


5. **Genetic tracing:** DNA profiling- Blood- Blood grouping- Blood fluids and other body fluids- Fingerprints – Semen – Hairs

**REFERENCE TEXTS**

- Dr. Jaising P. Modi, A Textbook of Medical Jurisprudence and Toxicology (Butterworth Heinemann)
- Sharma B R, Forensic Science in Criminal Investigation and Trials (Universal law publishing)
- J Hala & Raju's, Medical Jurisprudence (Eastern Book Company)
- Philips J H &Bower JK, Forensic science and Expert witness (Russell & Russell)
- Richard Saferstein, Criminalistics: An Introduction to Forensic Science (Prentice Hall PTR)
- Anthony J.Bertino, Forensic Science: Fundamentals and Investigations (Cengage Learning)
- Andrew R. W. Jackson, Julie M. Jackson, Forensic Science (Pearson Hall)

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