

Hands-on Workshop in Forensic DNA Fingerprinting



Venue: Centre for DNA fingerprinting and Diagnostics, Uppal, Hyderabad – 500 039

Date: 19-30, August, 2019

DNA fingerprinting or DNA profiling, considered as the gold standard for forensic human identification (HID), is widely employed throughout the world in criminal investigations, in resolving paternity/maternity disputes, for pedigree testing, to establish identity of unidentified human remains, and in missing persons' investigations and disaster victim identification (DVI). It has evolved tremendously in the last couple of decades, wherein it is now possible to obtain DNA typing results in a short span of time with small amounts of biological sample.

The success of forensic DNA testing in addressing the questions of HID has resulted in fresh challenges for the forensic DNA laboratories. To keep pace with the latest developments and cater to the increased casework DNA profiling demands in India, there is a tremendous demand for skilled DNA analysts. Keeping this in mind, the workshop is intended to train scientific personnel and other stakeholders in the country in the various aspects of state-of-the-art technologies in DNA profiling.

Objectives:

- To provide hands-on experience on DNA profiling methods and analysis of varied kinds of challenging forensic samples for forensic HID
- To impart training in mitochondrial DNA sequence analysis
- To provide a platform to understand the technical details starting from sample preparation to data interpretation and case reporting

Target group/Attendees: DNA Examiners involved in DNA Profiling & reporting of cases in the Courts of law



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