

# FORENSIC BIOINFORMATICS

**Course duration: 45 Days**

## **Coursework:**

**DNA Evidencing and Applied Bioinformatics**

**Preparation of DNA Case**

**Familial search and interpretation of mixed DNA Samples**

**DNA Profiling and profile statistics**

**Bayesian bias in DNA Forensics and forensic Science**

**Scientific Components of DNA Evidence**

**Molecular Biology and Population genetics**

**DNA Test Results- making and reviewing**

**Analysis of STR and VNTR profiles**

**DNA Evidence collection, contamination and preservation**

**Evaluation of DNA Evidence**

**Forensic DNA Profiling – linking different cases**

**DNA Diagnostics and scope**

**Sequence unmasking, Computer review and storing DNA evidence**

## **Research Project**

**Note: 10% Discount on the total course fee if the wet lab Any DNA Forensics Course is included with this course.**