Course Outline

**FIRST WEEK**

* Introduction to forensic Anthropology- Applications in forensic sciences and the social sciences
* Components of Anthropology-– basics and focussed on the medicolegal , medico social and social demographic aspects
* Identification- focus on primary characteristics
* Basics of skeletal examinations- osteology- importance of age, gender , stature and race
* Significance of intact skull and fractured skulls with and without mandible in establishing the probable and absolute identity. superimposition techniques and other modern techniques
* Importance of various long bones -femur, humerus- in age and gender
* Importance of pelvis and other bones for the establishment of identity
* Skeletal remains’ remains examination of skull and mandible- species origin (animal ) Old or New- probable identity

**SECOND WEEK**

* Malformations- Presence of any wounds or other abnormalities congenital and genetic or post adulthood development
* Influence of chronic exposure of hazardous ( toxic) chemicals
* Artefacts- perimortem, ante mortem and post-mortem – in the bones-
* Appearances of various bones due to burns and trauma due to heavy sharp and blunt weapons – firearm injuries –asphyxial deaths –other mechanical and regional injuries (Battered and burnt)
* Ossification centres- appearance and fusion (chronology) – variations in the abnormalities – factors influencing the development
* Cause of death, time since death – manner of death
* Diseased Deceased Damaged ( specific pathology) additional factors and analytical techniques as confirmatory tests