

INCAA, 2025

- Sub Theme: Technology and Digital Anthropology

Panel

## **Forensic Anthropology: An Important tool in applied Anthropology**

**Panel Proposed by :**

- 1. Prof Dr Diptendu Chatterjee, Professor and Head, Department of Anthropology, University of Calcutta, 35 Ballygunge Circular Road, Kolkata – 700019**
- 2. Dr Biswarup Dey, Assistant Professor, Department of Forensic Science, ADAMAS University**
- 3. Dr Loaknath Ghosh, Faculty, Ramsaday College, Amta, Howrah**

### **Concept Note:**

**Forensic anthropology** is an applied field in Anthropology. Its application of the anatomical science of anthropology and its various subfields, including forensic archaeology, Dermatoglyphics, DNA technology, Digital forensic, forensic Biology and forensic accounting, forensic ballistics, forensic chemistry and other forensic methodologies in a legal setting. A forensic anthropologist can assist in the identification of deceased and living individuals whose remains are decomposed, burned, mutilated or otherwise unrecognizable, as might happen in any incidence. Forensic anthropologists are also instrumental in the investigation and documentation of genocide and mass graves. Along with forensic pathologists, forensic dentists, and homicide investigators, forensic anthropologists commonly testify in court as expert witnesses. Using physical markers present on a skeleton or living individual, a forensic anthropologist can potentially determine a person's age, sex, stature, and race. In addition to identifying physical characteristics of the individual, forensic anthropologists can use skeletal abnormalities to potentially determine cause of death, past trauma such as broken bones or medical procedures, as well as diseases such as bone cancer.

Today, forensic anthropology is a well-established discipline within the forensic field. Anthropologists are called upon to investigate remains and to help identify individuals from human and human remains. Dermatoglyphics, DNA technology, Digital forensic, forensic Biology and forensic accounting, forensic ballistics, forensic chemistry and other forensic methodologies are proven now as very important tools for Forensic Anthropology.

In view of the above theme, researchers, professionals are invited to contribute their valuable research papers on the following sub-themes:

- 1) Forensic Archeology
- 2) Forensic Dermatoglyphics
- 3) Digital Forensic
- 4) Forensic biology and DNA technology
- 5) Forensic ballistics and forensic chemistry including toxicology
- 6) Forensic dentistry
- 7) Forensic Anthropometry
- 8) Forensic disease biology
- 9) Forensic Law
- 10) Digital Forensics
- 11) Forensic hair Study
- 12) Any other subfield of Forensic Anthropology