

The course will be a combination of hands-on experiments, lectures, on-line computer workshops and demonstrations.

Hands-on experiments

Dermatoglyphics, Osteology & Serology
DNA extraction from Human blood and Tissue
Polymerase chain reaction (PCR)
Restriction fragment length polymorphism (RFLP)
SNP detection
Sequencing
Sequence Analysis with Seqscape
GeneMapper analysis of STR data
GeneMapper analysis of SNaPshot data
Copy Number Variation (CNV)

Bioinformatics

NCBI
Ensembl
Primer3 (primer design)
BLAST (NCBI)
Net Primer

Lectures

Dermatology, Serology, Human Osteology & DNA finger printing.

Course Director
Prof. K.K. Mishra
Director, An.S.I., Kolkata.

Course Co-ordinators
Dr. B. Francis Kulirani
OIC iSA
Dr.C.R.Satyanarayanan
DD, An.S.I., S.R.C
Dr. A. Chandrasekar
OIC DNA lab, An.S.I., S.R.C

Senior Faculties
Dr. N.C. Sarkar
Dr. PBSV. Padmanabham
Dr. B.N. Sarkar
Sri. J. Srinath
Dr. A. Chandrasekar

Junior Faculties
Venugopal.P.N
I. Arjun Rao



**International School of Anthropology
(iSA)
Anthropological Survey of India**

“Forensic Anthropology”
A Seven day hands-on training on forensic
Anthropological techniques

**To be held:
Sep 10th - Sep 16th 2012**

**International School of Anthropology
(iSA)
Anthropological Survey of India
Southern Regional Centre
Bogadi 2nd stage North
Mysore--570026
Karnataka.**

Registration

Title: First Name:

Last Name:

Affiliation(Comp/ Dept):

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.....

Position:

Address:

.....

..... Pin code:.....

E-mail:

Phone (Daytime):

Fax:

.....

Special Dietary Needs?

Contact/ Enrolment Address

Officer-in-Charge
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Mysore-570026
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Workshop Details

When?

10th Sep - 16th Sep 2012

Where?

International School of Anthropology,
Anthropological Survey of India, Southern
Regional Centre, Mysore.

Who can apply?

The course is open to interested candidates who completed their master's degree in life sciences. Application by women, minorities and persons with disabilities are encouraged.

Course Fee

12,000/-

Hospitality

Selected candidates will be provided twin sharing moderate accommodation, boarding and local transport (accommodation to venue and back) for complete course.

Early Bird Registration

Registrations will be closed 9th August 2012.

Course Limit

The course is limited to 30 participants

Course Includes

Study material.

FORENSIC ANTHROPOLOGY

Forensic anthropology is the application of anthropological research and techniques to the resolution of medico legal issues, drawing primarily from physical anthropology. Forensic anthropology techniques focus on human identification in crime, mass disaster and medico legal cases. In the present genomic era, advances in DNA technology paved the way for the detection of variation (polymorphism) in specific DNA sequences and shifted the study of human variation from the protein products of DNA to DNA itself. By analyzing a sufficient number of regions of DNA that show much person-to-person variability, one can reduce the probability of a chance match (inclusion) of two persons to an extremely low level. Indeed, the probability can, in principle, be made so low that DNA typing becomes not simply a method for exclusion or inclusion, but a means of absolute identification. Thus, DNA finger printing can be a powerful adjunct in Forensic Anthropology.

In the light of above back ground Anthropological Survey of India propose to organise a training programme in DNA fingerprinting with Anthropological inputs. The training programmes will be useful to the researchers interested in the advanced technology.