



**S N BOSE NATIONAL CENTRE
FOR BASIC SCIENCES**
Block JD, Sector III, Salt Lake, Kolkata 700 106

DEPARTMENTAL SEMINAR

Chemical and Biological Sciences

07th November, 2023

4.00 PM

ONLINE / FERMION

SPEAKER



Prof. Anabha Basu
Professor, NATIONAL INSTITUTE OF BIOMEDICAL GENOMICS
(NIBMG)

TITLE OF THE TALK

Our Footprints on the Sands of Time

ABSTRACT

Pre-Darwinian idealists saw most individual variation as distorted shadows of the ideal. Whereas, the post-Darwinian scientist view variation between individuals as the driving force of evolutionary dynamics. The patterns of individual variation have been cardinal in defining clusters, species, clades as well as races and ethnicities in human populations. During this evolution of scientific thought, we have defined and re-defined our understanding of the relative importance of 'inter' and 'intra' group variation. In this talk, I would like to revisit the great exodus of Anatomically Modern Humans (AMH) Out of Africa and its rapid spread over the entire world. I would like to revisit this evolutionary journey in context of human genetics, and compare how climate, demography and culture have also influenced this process.

HOST FACULTY

Prof. Rajib K Mitra
SENIOR PROFESSOR, CHEMICAL and BIOLOGICAL SCIENCES
