

DEPARTMENT OF ANATOMY

EVENT: Guest lecture

TOPIC: "Genetics - Molecular Cytogenetics: From Karyotype to Genome-Wide Scans"

DATE: 30.06.2025

Guest Speaker

Dr. Subhadradevi Velichety MBBS., MS.,

Professor and Head,

Department of Anatomy,

Apollo Institute of Medicine sciences and Research, Chittoor.

The Department of Anatomy, Tagore Medical College and hospital, organized a Guest lecture on "**Genetics - Molecular Cytogenetics: From Karyotype to Genome-Wide Scans**" for the first year MBBS & BDS students on 30.06.25. The occasion was graced by HOD and faculties of the department. Dr. D.H.Gopalan, Head of Anatomy Department, gave a welcome address and provided an overview of the chromosomal abnormalities and its inheritances. The session was conducted by Dr. Subhadradevi Velichety MBBS., MS who provided valuable insights into fundamental genetic concepts, chromosomal abnormalities, inheritance patterns, and their clinical implications in dental practice. The lecture emphasized the significance of understanding genetic disorders, syndromes with orofacial manifestations, and the role of genetic counseling in patient care. Students actively participated in the interactive session, enhancing their understanding of the integration of genetics into dentistry. The session was well-received and proved to be both informative and thought-provoking. We would like to thank our chairperson, secretary and dean for making this event a success.

