



INSTITUTE OF GENETICS & HOSPITAL FOR GENETIC DISEASES

Osmania University, Begumpet, Hyderabad

WORKSHOP

ON

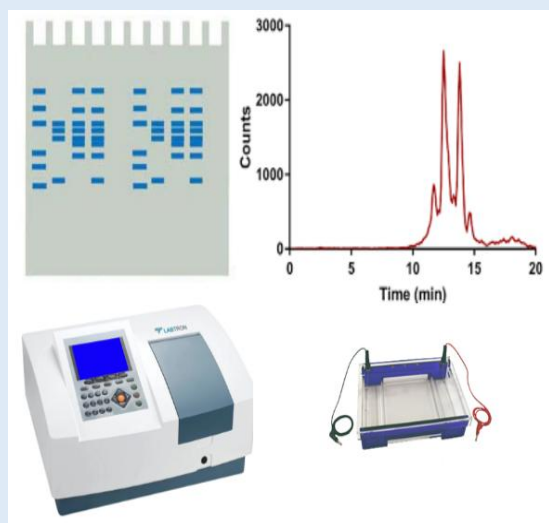
BIOANALYTICAL TECHNIQUES

Empowering Research & Diagnostics through Modern Analytical Tools

December 18th – 20th 2025

ABOUT THE WORKSHOP

This intensive workshop is designed to provide **conceptual understanding, practical insights, and applications** of key **bioanalytical techniques** including **centrifugation, Electrophoresis, Chromatography, Spectroscopy, Radioactivity, Microscopy, PCRs, Hybridization techniques and Genome editing** that are widely used in **life sciences, biotechnology, biochemistry, molecular biology, and medical research**. The program integrates **theory, instrumentation principles, data interpretation, and real-world applications**.



DEMONSTRATIONS

- Spectroscopy
- Chromatography – TLC, HPLC
- Gene Amplification by PCR
- Separation of amplicon by Agarose gel electrophoresis
- Protein separation by SDS PAGE
- Western Blotting
- Microscopy – Organelle tracking

No of Seats Available 25*

*Limited Seats Only First Come First Serve Basis

Register → <https://forms.gle/c4qdc71FAwzuqZrt6>

REGISTRATION AND FEES

Last date for registration

17th Dec 2025

Fee - Rs. 1500

Email id: ighgd.hyd@gmail.com

Phone No: 8331997339