Hands-on workshop on

Cytogenetics and CMA

Date: 5th– 9th October 2026

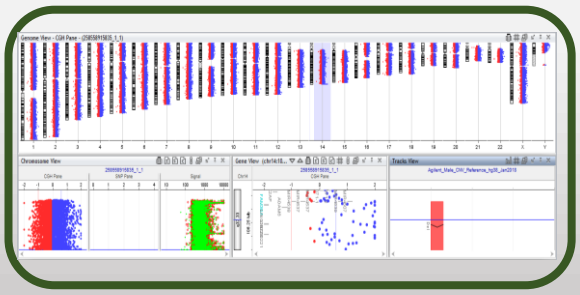
Venue: Centre for DNA Fingerprinting and Diagnostics, Hyderabad

ABOUT THE WORKSHOP

This intensive five-day workshop provides comprehensive theoretical knowledge and hands-on laboratory training in conventional cytogenetics and Chromosomal Microarray Analysis (CMA). Participants will gain practical experience in laboratory workflows, data interpretation, quality assurance, and clinical reporting through expert lectures and case-based discussions.

AIM

To introduce both the complementary technologies and gain hands-on experience to improve diagnostic accuracy and genetic counselling.



HANDS-ON TRAINING IN

Cytogenetics

- Cell culture and harvesting, GTG banding and Microscopy
- Chromosomal analysis and interpretation
- ISCN Nomenclature
- Case-based discussions

Microarray CGH

- Principles and workflow
- DNA processing and array hybridization, Data analysis using software tools, CNV interpretation
- Case-based discussions

WHO CAN APPLY?

Young Scientists,

Medical professionals and Students with a minimum qualification of MSc/ PhD/ MBBS

Last date for application

4th September 2026

Registration fee

Rs 9000/-
(Rs 7000/- for students)

Selection process

25 participants would be selected based on screening and a write-up

SCAN TO APPLY

CONTACT INFORMATION

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