

# DEPARTMENT OF BIOTECHNOLOGY

## FIELD PROJECTS

Student training from 27 September - 1 October -2021 at Institute of Genetics, Begumpet, Hyd. On “Diagnosis & Management of Genetic diseases”.

### ORIENTATION PROGRAMME



### LAB SESSIONS





**The final year students of BtZC(36) attended workshop on Molecular and Clinical Genetics, the workshop included various techniques**

**Day 1.** Lymphocyte culturing – chromosomal Analysis, karyotyping

**Day 2.** Evaluation of the DNA Damage using comet Assay

**Day 3** Clinical Genetics

**Day 4.** Biochemical tests to determine genetic disorders,

**Day 5.** Pedigree analysis,

**Day 6.** Observing down syndrome patient in presence of doctor





## Institute of Genetics & Hospital for Genetic Diseases

*Unveiling the future*

Date: 01-10-2021

### CERTIFICATE OF TRAINING

This is to certify that Ms. L. Prasanna has participated in Internship program on "Clinical Diagnosis, Cytogenetic, Biochemical & Molecular techniques in the Diagnosis of Genetic Diseases" from 27-09-2021 to 01-10-2021 at the Institute of Genetics and Hospital for Genetic Diseases Osmania University, Begumpet, Hyderabad.

*A. Venkateshwar*  
**DIRECTOR**

DIRECTOR  
Institute of Genetics &  
Hospital for Genetic Diseases  
Osmania University  
Begumpet, Hyderabad - 16.









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