

FACULTY DEVELOPMENT PROGRAMME (FDP) ON MOLECULAR LAB PRACTICES

Fifteen Days Online Training (Learn Experiments Virtually)

**Certificate will be
provided to all
candidates**



Who can join?

Any Biology, Chemistry, Biotechnology, Microbiology, Biochemistry, Agriculture, Pharmacy faculty & Research Scholars can join

Key Features:

Recorded Videos, Study Material, Online Assessment Test

TECHNIQUES TO BE COVERED

1. Molecular calculations & stock solution preparation

2. DNA ISOLATION:

- i. Genomic DNA from Plant sample
- ii. DNA from animal tissue
- iii. DNA isolation human blood
- iv. Isolation of Genomic DNA from Bacterial Cells
- v. DNA isolation from hair
- vi. DNA isolation from Saliva

3. Restriction digestion

4. Restriction Fragment Length Polymorphism (RFLP)

5. Random Amplified Polymorphic DNA (RAPD)

6. Agarose Gel Electrophoresis.

7. Polymerase chain reaction (PCR)

