

## **Topics to be covered**

- Overview on bacteriology
- Isolation of bacteria from different sources
- Examination of pathogens
- sub culturing of microbes
- Antibiotic sensitivity testing
- Fundamentals of virus isolation
- Inoculation and harvesting of virus in chick embryos
- Nucleic acid extraction and quantification
- cDNA preparation
- Conventional Polymerase Chain Reaction
- Agarose gel electrophoresis

**For further queries, please contact**

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