



Workshop on **PLANT MOLECULAR SYSTEMATICS**

Key Topics Covered

- Molecular systematics
- DNA isolation and Gel Electrophoresis
- APG System of Classification
- PCR
- Molecular markers
- DNA Sequencing and analysis (An overview)
- Tree construction methods- Distance-based methods: UPGMA and NJ
- Character-based methods- MP and ML
- Bayesian method
- NCBI Submission

Hands-on-Training

- DNA isolation from plants
- Gel Electrophoresis and Quantification of DNA
- Hands-on PCR
- PCR Product Purification
- Sequence editing and curation
- An overview of sequence alignment
- Construction of phylogenetic trees-MEGA
- Bayesian method



For more information
Scan QR

