## WESTERN REGIONAL CENTRE

## Molecular Laboratory

In addition to floristic survey and documentation, the centre has moved a step ahead in establishment of well-equipped Molecular Diagnostic Laboratory in 2017, aimed at the molecular standardization and to conduct the phylogeny studies of various groups of plants, with current prime focus on mycological studies. The laboratory is well-equipped with the state of art facilities such as Refrigerated centrifuge, Deep Freezer, Refrigerator, Vortex shaker, Digital Dry Bath, BOD Incubator shaker, Gel Documentation system, Gradient PCR, Water Bath, Mini gel Electrophoresis with Power Pack, Compound Light Microscope, Water Purification system, etc. It is used to carry out, DNA isolation, PCR, Gel Electrophoresis, Gel Documentation, DNA Elution etc. In addition to this, the lab is also providing hands on training in Molecular Techniques to research scholars and researchers from various institutes/universities.