

## **PBO-401**

### **PRACTICAL BASED ON TOPICS COVERED IN CBO-401**

#### **BACTERIOLOGY**

- Staining techniques
  - Simple staining
  - Special staining
- Bacterial mobility

#### **PHYCOLOGY**

- Study of following algae
  - *Scytonema, Microcystis, Anabaena, Ulva, Coleochaete, Pithophora, Chara, Nitella, Laminaria, Fucus, Ceramium, Polysiphonia*

#### **MYCOLOGY**

- Study of following Fungi
  - *Saprolegnia, Phytophthora, Peziza, Penicillium, Ustilago, Lycoperdon, Cercospora, Fusarium,*

#### **PLANT PATHOLOGY**

- Study of following plant diseases
  - Citrus canker
  - Bacterial blight of Paddy
  - Downy mildew of Grapes
  - Rust of Wheat
  - Smut of Barley
  - Smut of Sugarcane