

## **Thrust Areas of Research**

- Understanding the physiological and molecular mechanisms of abiotic and biotic stressors
- Identification and characterization of medicinal plants and their active ingredients
- Tissue culture studies for alkaloid production, clonal multiplication and preservation of endangered species
- Characterization, diagnostics development and pathogenicity study of plant viruses
- Deciphering the plant microbe interactions in response to both pathogenic and beneficial microbes