

## SALIENT ACHIEVEMENTS

### PLANT TISSUE CULTURE:

#### Developed protocols for micropropagation:

1. Datepalm (*Phoenix dactylifera*)
  - a. Local elite material
  - b. Barhee variety
2. Stevia (*Stevia rebudiana*)
3. Spine gourd/ Kankoda (*Momordica dioica*)
4. Pointed gourd / Parwar (*Trichosanthes dioica*)
5. Potato (*Solanum tuberosum*)
6. Banana (*Musa paradisiaca*)
7. Optunia (*Optunia ficus indica*)
8. Pomegranate (*Punica granatum L.*)
9. Bamboo (*Bambusa bambos*)
10. Seedless lemon (*Citrus limon*)
11. Papaya (*Carica papaya*)

#### Developed protocols for crop improvement:

1. Regeneration protocol in Pearl millet
2. Regeneration protocol in Rice
3. Regeneration protocol in tomato
4. Regeneration protocol in soapnut
5. Regeneration protocol in cumin
6. Protoplast isolation in coconut