



## Horticultural College and Research Institute, TNAU, Coimbatore-641003

### Nanotechnology in extending the shelf life of Horticulture produces

#### ABOUT THE TRAINING

Nanotechnology in extending the shelf life of horticulture crops and in the improvement of produce quality, thus aiding in Nutritional security. In horticulture, maintaining quality as well as limiting the spoilage of harvested produces like fruits and vegetables is a challenging task. Various kinds of nanomaterials have shown high potential for enhancing shelf-life, reducing post-harvest loss and improving the quality of the horticultural crops.

#### MODULE OF THE TRAINING

Shelf life of Horticultural produces - Engineered Nanomaterials - Nano-particles - Nanoemulsion - Nanopackaging - Nanocomposites – Nanofilm - Commercial nanoproducts in extending shelf life of fruits - Vegetables -Spices- Vase life of cut flowers

#### WHO CAN BENEFIT

Students, research scholars, scientists, entrepreneurs, farmers, self-help groups, Farmers producers organizations, Nursery owners, New start-up youths etc.

#### REGISTRATION DETAILS

- 1 day training (07.01.2025)  
Rs.2,360/- (including GST@ 18%)
- Registration fee includes registration kit, working
- lunch and refreshments during the training period

#### CERTIFICATE

At the end of the training program, participation certificate will be provided on full attendance.

#### CONTACT DETAILS

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