

## Centre for e-Learning Kerala Agricultural University



## **HI-TECH AGRICULTURE IOT & DRONES**

- Duration: 6 months
- Class: Hybrid mode



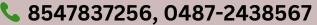


- A minimum of 30 participants is required for conducting the course
  - Participants should pay a non-refundable registration fee of Rs. 100 /- and refundable course fee of Rs. 35,000 /-

## **Syllabus**

- Importance and scope of Hi-tech horticulture
- Precision farming
- Protected cultivation
- Hydroponics and Aquaponics

- Introduction to IoT and Drones
- Sensors and data collection, processing
- Basics of Python programming
- Data analysis and Interpretation
- Types of agricultural drones
- Drones in Agriculture
- IoT and Drone integration
- Unmanned Aircraft system



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