



### TRAINING ON

## Application of Drone Technology in Precision Agriculture

#### Objective of the Training

The objective of this training is to equip participants with the practical skills and theoretical knowledge required to integrate drones into agricultural practices.

- Students and researchers
- Agricultural engineers and technicians
- Academicians
- Business people

#### Areas of Focus

- Introduction to precision agriculture and drone technology
- Drone operation and maintenance
- Aerial surveying and data collection
- Pesticide and fertilizer application using drones
- Regulatory compliance and best practices for drone operators

#### Application link

- <https://dps.udsm.ac.tz/view?course=134>

#### Cost

- Students TZS 500,000
- Non students TZS 1,000,000
- Foreigners 500 USD
- This cost include training fee, breakfast and lunch during training

#### Learning Outcomes

- Knowledge on precision agriculture and drone technologies
- Develop practical skills in operating drones and how to perform routine maintenance
- Participant will be able to collecting, processing, and analyzing aerial agricultural data
- Participants will be able to use drone for applying pesticides and fertilizers on field crops and tree crops
- Participants will become familiar with local and international regulations governing the use of drones in agriculture

#### Course duration

- 23<sup>rd</sup> September to 27<sup>th</sup> September 2024

#### Location

- University of Dar es Salaam, Tanzania

#### Offered By

- Department of Crop Science and Beekeeping Technology
- University of Dar es salaam in collaboration with Specialist Drone Services (T) Limited

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#### Target Participants

- Farmers and agribusiness owners
- Agricultural Extension Workers, agronomist and farm managers