



SNS COLLEGE OF TECHNOLOGY

(An Autonomous Institution)
COIMBATORE-35.



Accredited by NBA – AICTE and Accredited by NAAC – UGC with
'A+' Grade

Approved by AICTE, New Delhi & Affiliated to Anna University,
Chennai.

DEPARTMENT OF AGRICULURAL ENGINEERING

Organic Farming



What is Organic Farming?

- *Organic farming works in harmony with nature rather than against it. This involves using techniques to achieve good crop yields without harming the natural environment or the people who live and work in it.*





What does it include?

- It involves the use of biological materials, avoiding synthetic substances and maintaining ecological balance thereby minimizing pollution and wastage .
- It includes processes like crop rotation, green manure, organic waste management, biological pest control , etc .



VERMICOMPOST



GREEN LEAF
MANURES



CROP ROTATION



MANURES

**ORGANIC
FARMING**



BIOFERTILIZERS



ANIMAL
MANURE



BIOLOGICAL
MANAGEMENT



Aims Of Organic Farming

- To maintain the long term fertility of the soil
- To reduce the input cost.
- To effectively utilize the natural resources .
- To avoid all forms of pollution caused by agricultural techniques.
- To provide a quality foodstuff .





Some Types In Organic Farming



Permaculture



Ranching



Hydroponics



Dryland Farming



Techniques In Organic Farming

- **Mulching**
- **Bio-Fertilizer**
- **Vermi-compost**
- **Seed treatments**





Uses And Benefits

- Reduction of Toxic Substances in the Environment
- Job Creation
- Assisting the Fight Against Climate Change
- Preservation of the Culture of Agriculture
- Reduction of Farm waste





Scope In India



- India's rich heritage of agricultural traditions makes it suitable for designing organic production systems.
- With greater political will and investment in research, extension and marketing infrastructure more of this potential could be realized
- The agronomy division of Indian Agricultural Research Institute (IARI) has started many courses including package and practices for organic farming which can promote great career opportunities in organic farming .



Thank you...