

# PROSPECTUS – 2025

Admission to

One -Month Certificate Course on

On

## Organic Farming, Permaculture and Sustainable Living



**Rural Development Department**

**National Institute of Technical Teachers Training and Research**

**(Deemed to be University under Distinct Category)**

**Sector – 26, Chandigarh – 160 019**

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**April 2025**

**One-Month Certificate Course on  
Organic Farming, Permaculture and Sustainable Living**



**Coordinator: Dr. U. N. Roy  
(Prof and Head Rural Development)**

**Experts:**



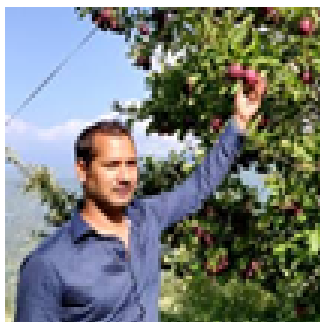
**Sh Jagat Singh Jangli**



**Dr. Arun Chandan**



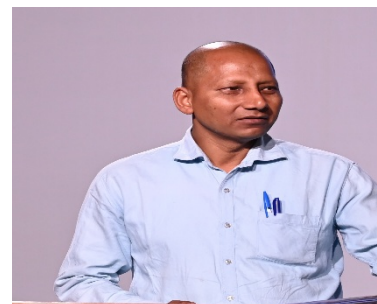
**Sh Vinod Jyani**



**Sh Joginder Singh**



**Er Milind Pandit**



**Dr. Santosh Patel**



**Sh Sandeep Sabharwal**

## **Organic Farming:**

Organic Farming is a natural way for healthy food production by maintaining and sustaining bio-diversity and agro ecosystem without using chemical fertilizers and pesticides. Multiple techniques and methods have been developed world over for practicing organic farming and sustainable agriculture.

## **Permaculture:**

The permaculture was initially derived as permanent agriculture having focus on agro-forestry, but over the years it has evolved for designing the whole farm with a sustainable architecture for natural resource management doing multiple agri-livestock projects for healthy food production and sustainable living.

## **Sustainable Living:**

Human Beings have been proved wrong by polluting the mother earth in several ways in such a rapid development all over the world and that is why sustainable development framework was adopted by United Nations in 1987. But the targets of sustainable development can only be achieved if each human being work seriously on reducing carbon footprints by adopting sustainable way of living using natural resources judiciously. Construction of home and use of energy and water along with eco-friendly and spiritual lifestyle can lead to sustainable living with the nature.

Course Details: One Month Certificate Course (Three Week Online and One Week offline)

Mode of Instruction: English and Hindi

Duration: Batch I June - July 2025 and Batch II November – December 2025

Fee: Rs. 7000/- per participant (It includes the field visits for live demonstration of certain projects) Number of seats: 40 (First come first basis)

Eligibility Criteria: Minimum Graduate in any subject (For Farmers and Women with experience educational qualification may be relaxed)

For Registration apply at:

Visit Us:

NATIONAL INSTITUTE OF TECHNICAL TEACHER'S TRAINING AND RESEARCH  
SECTOR 26, CHANDIGARH ([www.nitttrchd.ac.in](http://www.nitttrchd.ac.in))

Contact us:

For any query: 91-172-275950569

Email: [rural@nitttrchd.ac.in](mailto:rural@nitttrchd.ac.in)

## **Program Outcomes**

After undergoing the Certificate Programmed on “**Organic Farming, Permaculture and Sustainable Living**”, learners will be able to:

**PO1:** To understand various techniques of organic farming.

**PO2:** To understand various models of Organic farming.

**PO3:** To know about Permaculture and Design of farms.

**PO4:** To understand the issues of Climate Change and Disasters

**PO4:** To Learn about **AYUSH** way of life.

**PO5:** To understand **Sustainable Living** with the Nature.

**PO6:** To make viable Projects of **Integrated farming** and Sustainable Living and create self-Business Model and Better Living.

## **Module 1: Organic Farming**

<b>Content</b>	<b>Theory</b>	<b>Video + Practical</b>
1. Basics of Organic Farming	01	
2. Nomenclature, Types and Techniques of Organic Farming	02	
3. System Approach to Organic Farming	01	
4. Various Models of Organic Farming	04	02
5. Organic Farming with Desi Cows	01	01
6. Organic Apple Production and Marketing	01	
7. Prospects, Market and Challenges	01	
8. Certification Methods and Quality Assessment	01	

## **Module 2: Permaculture and Syntrophic Farming**

<b>Content</b>	<b>Theory</b>	<b>Video + Practical</b>
1. Basics of Permaculture	01	01 Videos
2. Permaculture and Design	02	
3. Syntrophic Farming	01	02

## **Module 3: Climate Change, Disaster and Projects for Sustainable Development**

<b>Content</b>	<b>Theory</b>	<b>Video + Practical</b>
1. Watershed Management: Success Stories	01	02
2. Mixed Forest Management for Himalayan Ecosystem	01	
3. Climate Change and Disaster Management	02	01

## **Module 4: Herbal and Ayurvedic (Herbanic Way of Life)**

<b>Content</b>	<b>Theory</b>	<b>Video + Practical</b>
1. Major Herbal Medicines and its Promotion through AYUSH	01	01
2. Ayurveda as Way of Life	01	
3. Ayurveda, Acupressure and Alternative Treatment	02	02
4. Marketing of Herbal Products	01	

## **Module 5: Vernacular Architecture, Eco-tourism and Sustainable Living**

<b>Content</b>	<b>Theory</b>	<b>Video + Practical</b>
1. Vernacular Architecture, Green Building and Sustainable Living	01	01
2. Rural Tourism, Eco-Tourism	01	01
3. Natural Diets and Fibers	01	
4. Basics of Yoga and Pranayama	02	02
5. Sustainable Living and Wellness	01	02
<b>Total</b>	<b>31 lecture</b>	<b>18+ 04 Hours Video and Field Visits</b>