



Certificate Course on Organic Farming

Implementing Agency: Shri Lal Bhadur Shastri Degree College, Gonda

Objectives: Skill development of Agriculture Youth in some identified areas of organic farming to create job opportunities in organic sector particularly in the area of organic production, on-farm resource management, input production and quality control, PGS certification and marketing of organic produce with objectives as follows:

- Increasing the employment opportunity for rural youth at college level in organic market as organic grower, stakeholders, and entrepreneurs.
- To create first generation organic agriculture extension workers, field workers and organic growers at college level.
- To create work force which will help/guide/learn the techniques for doubling farmer's income at college level like reducing input cost/inputs management, multilayer cropping, crop waste management, nutrient management, water management etc.
- To develop trainers at village level on organic management practices with special focus on soil health base crop management, nutrient management and plant protection including formulation techniques for traditional Bio-fertilizer, Bio-pesticides and Soil health promoters.
- To impart skills at college level required for organic farming practices and related marketing economics.

Programme Duration: 30 (T) +15 (P) =45 Hrs.

No. of Participants: 50 No.

Eligibility for participation: The course will be open for Intermediate pass candidates' preferably female students.

Age: There is no age bar.

Eligibility Documents to be produced at the time of registration:

- 2 passport Size Photograph
- Self-Attested copy of Identity proof (Voter ID/Driving license/PAN card/Aadhar card)
- Self-Attested copy of 10th pass certificate
- Self-Attested copy of eligible document & marks sheet
- Self attested copy of Caste certificate in case of reserved categories (OBC/SC/ST candidates)

Course content-

It will consist of theory lecture, practical and demonstrations / field visits

- **Session 1-3:**
- Introduction, Concept/ Philosophies, Principles and Need of organic farming
- **Session 4-5:**
- Soil health build up is the prime need in organic management
- **Session 6:**
- Organic farming an integrated approach
- **Session 7:**
- Conversion to organic with soil health management
- **Session 8:**
- Crop management
- **Session 9:**
- Nutrient Management
- **Session 10:**
- Pest Management
- **Session 11:**
- Multilayer cropping system base farm planning.
- **Session 12-13:**
- In-situ composting and recycling of organic matter in organic Agriculture
- **Session 14-15:**

- On-farm input generation and resource management
- **Session 16:**
- Traditional organic input preparation/formulation of Bio-fertilizer
- **Session 17:**
- Traditional organic input preparation/formulation of bio-pesticides
- **Session 18-19:**
- Traditional organic input preparation/formulation of plant health promoters like Panchgavya, Beejamrut etc.
- **Session 20-21:**
- Manure preparation and introduction to compost, composting and its value addition quality test as per Fertilizer Control Order (FCO)
- **Session 22-23:**
- Introduction to various agriculturally useful Bio-fertilizer and Bio-control agents including Integrated Pest Management
- **Session 24:**
- Economics of organic farming
- **Session 25-26:**
- System of organic certification and inspection including PGS-India certification and Jaivik-Kheti portal operation.
- **Session 27-28:**
- Branding of rural products, FSSAI, marketing and packaging of organic produce
- **Session 29:**
- Current Government schemes related to organic farming.
- **Session 30:**
- Demonstration and organic farms visit.

Course Co-ordinator

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