

ORGANIC FARMING

The Vocational Training Course offers Organic Farming as a core skill-based course designed to bridge the gap between classroom learning and real world livelihood opportunities. With Meghalaya declared as an Organic State, the state holds a unique advantage due to its traditional chemical-free farming practices, rich biodiversity, and supportive government policies like the Meghalaya Organic Mission.

The Organic Farming course under VTC is structured as a 100% practical, field-oriented programme. It equips students with end-to-end skills, from preparing on-farm organic inputs and managing organic livestock to understanding certification under PGS-India and APEDA, and developing market linkages. Unlike traditional agriculture education, this vocational paper emphasizes "learning by doing". This course transforms organic farming from a traditional practice into a modern, scientific, and profitable vocation for the next generation.

Students learn to prepare FYM, Berkeley method of composting, Neemastra, Neem Seeds Kernel Extract, Beejamrutam, Panchagavya, Jeevamrutam, vermicompost, and vermi-wash. They identify on-farm and off-farm organic inputs, green manuring crops, diseases causing pests etc.

Students also study quality parameters of organic produce, fish culture, egg and meat production, economic analysis of organic systems, and regulatory bodies like NCOF, APEDA, and MOCB Meghalaya.

Each module teaches a start-up skill. Students can now establish compost units, bio-input units, or organic farms. By the end of the course, a student is not just a certificate holder but a potential entrepreneur, PGS-India facilitator, or skilled worker ready for roles in State Organic Missions, FPOs, NGOs, and agri-startups. This makes the programme a direct contributor to Atmanirbhar Bharat and the Vocal for Local initiative, while empowering rural youth with dignified, sustainable livelihoods.

