

Vermitechnology

About the Course:

Agriculture is the most important sector of Indian Economy. Indian agriculture sector accounts for 18 per cent of India's gross domestic product (GDP) and provides employment to 50% of the countries workforce. Vermicompost contains water-soluble nutrients and is an excellent, nutrient-rich organic fertilizer and soil conditioner in Agriculture. It is used in farming and small scale sustainable, organic farming. Vermicomposting has gained popularity in both industrial and domestic settings because, as compared with conventional composting, it provides a way to treat organic wastes more quickly. It also generates products that have lower salinity levels that are therefore more beneficial to plant mediums.

Course Duration: 3 Months

Objectives of the Course:

1. To build an interest about Vermicompost, Vermiwash & Vermiculture among the students.
2. To understand the Science involved in agriculture.
3. To build entrepreneurship skills among the students.
4. To employ the principles and techniques for Vermicomposting.
5. To encourage students about culture & management of Earthworms.
6. To create awareness of the larger environmental issues of waste management.
7. To encourage the students for organic farming with the help of Vermitechnology.
8. To aware the students about diseases and pests of Earthworm.

Learning Outcomes:

1. Students can construct their own compost in farm & can get monthly income.
2. Students/ farmers by using vermicompost can increase the productivity.
3. Students can produce vermicompost on small scale for garden/household plants.
4. The candidate can generate income by supplying Vermiculture, Vermiwash, & vermicompost.
5. He/she will directly or indirectly help to reduce environmental pollution.

Job Opportunities:

1. Self-employment: Running a small scale industry or production unit manufacturing Vermicompost.
2. Wage employment: Purchase assistant, production supervisor, assistant quality control supervisor; Technical assistant; laboratory assistant, in Vermicompost farm and industry, carrying centers.
3. Instructor for vermicomposting and related work experience in schools, colleges, and agriculture colleges.