

Activities of Little Flower Incubation Centre

Department of Botany

Prakrithi Organic Manures-17/10/2018

Aim: Increase the use of organic manures and reduce the application of chemical fertilizers through educating young women

Objectives

Training for biodegradable garden waste management

Preparation of organic manure for vegetable gardens

Report:

Vermicomposting is a method of preparing enriched compost with the use of earthworms. It is one of the easiest methods to recycle the agricultural waste and produce quality compost. Earthworms are used for this process. Vermicompost is the product of the decomposition process using various species of worms to create a mixture of decomposing vegetable or food waste, bedding material and vermicast.



The liquid that is collected after the passage of water through a column of worm action is called vermiwash. It is a collection of excretory product and mucus secretion of earthworm along with micronutrients from the soil organic molecules.



As part of solid waste management, Botany department of Little Flower College, Guruvayoor started Vermicomposting on 13 JUNE 2016. We made use of waste from medicinal garden and college premises for our vermicompost pit. Our students were involved in this whole process for filling the compost pit and managing the pit. We made use of the vermiwash and compost for the plants in the botanical garden and medicinal garden.



On 7 January 2017, we started vermicompost unit as an incubation centre and an exhibition cum sale “spectacle” was conducted in the college portico. We sold the products to Sivadham super market, Banargynagar, Mammiyoor under the brand name PRAKRITHI organic manure.