

VERMITECHNOLOGY

The zoology department has been maintaining a vermicomposting unit since 2018. The unit is located in a shady area within BGC campus, just behind the department building. The unit consists of a series of bins, each of which is filled with a mixture of organic matter, such as food scraps, paper, and cardboard. The worms are added to the bins, and these are very efficient to break down organic matter into compost. The worms are fed a mixture of cow dung, vegetable waste and paper waste. The waste is added to the bins on a weekly basis. The worms are very sensitive to temperature and moisture levels.

The compost is ready to be harvested after 4-6 months. The compost is harvested by removing the worms from the bins and then sifting the compost to remove any large pieces of organic matter. The compost is used to fertilize the plants in the campus's garden. Therefore, the process of vermicomposting takes several months, but the end result is a rich, nutrient-rich compost that can be used to fertilize plants.

The zoology department has found that vermicomposting is a great way to reduce the amount of waste that the department produces. The department also uses the compost to fertilize the plants in the garden of BGC campus. The zoology department is committed to sustainability, and vermicomposting is one way that the department is working to reduce its environmental impact.

In addition to being a sustainable practice, vermicomposting is also a great way to educate students about the importance of recycling and composting, to provide students with experiential learning and learn by doing, to train the students in vermiculture and composting methods, its application in agricultural practices, and their role in waste management, to promote the production of vermicompost, to develop the management and marketing skills of students, to develop a research culture among the students, finally to maintain an eco-friendly college campus.

The zoology department offers tours of the vermicomposting unit to students and visitors. The tours provide an opportunity for students to learn about the process of vermicomposting and the benefits of this practice.

The zoology department is proud of its vermicomposting unit, and it is committed to continuing to maintain the unit in the years to come. The department hopes that the unit will continue to be a valuable resource for students and visitors, and that it will continue to help the department reduce its environmental impact.



Fig: Production of vermicompost

