

Best Practice 1 (2021-22)

- **Title:** Developing the process of vermicomposting on the college campus.
- **Objective:** To produce natural fertilizer for the plants on our campus and treat our organic waste in accordance with the eco-friendly policies of our college.
- **Context:** Vermicomposting is a popular eco-biotechnological process, and joint action of earthworm and microbes for the conversion of organic waste into nutrient-enriched vermicompost products. The various earthworm species such as red worms, tiger worms, and red wigglers are responsible for consuming organic waste such as flower waste, agricultural waste, animal waste, sewage sludge, etc. During the vermicomposting process, the digestive process of the earthworm is used for producing vermicompost. Our college, following eco-friendly policies, is in favour of vermicomposting as an effective mode of waste management.
- **Practice:** Our college makes use of this process to dispose of organic waste, especially the kitchen waste and food waste from the college canteens and the leaf-litter on the campus.
- **Evidence of success:** Every month around 10 kg of fertilizer is produced through this process. It also helps us maintain an eco-friendly environment.
- **Problems encountered and Resources required:** Our college faced no problem in implementing this project, as the Departments of Botany, Zoology and Environmental Science supervise it efficiently.

Best Practice 2 (2021-22)

- **Title:** Developing a favourable environment for faculty/student research in our college.
- **Objective:** To contribute to the ever-expanding world of knowledge and keep abreast of the latest developments in one's field of study or expertise.
- **Context:** Since Higher Education is incomplete without research, our college maintains proper infrastructure and ambience to encourage young scholars to pursue research work in their respective fields of study or expertise.
- **Practice:** Our college has provided all the departments with computers and internet connection. We also have access to an online library in addition to a well-stocked library on the campus. Our teachers often make sincere efforts to procure funds from the UGC and other sources for different research projects. Some departments are planning to publish their own journals (one of the departments has already succeeded) and they take initiatives frequently to organize seminars to promote academic dynamism.
- **Evidence of success:** In this session the Department of Philosophy has published a Research Journal. An International Seminar was organized by the Department of Physics on 25/06/2022. Inspired by this research-friendly environment, most of our departments choose project work, instead of DSE 6.
- **Problems encountered and Resources required:** Our college suffers from paucity of funds, without which proper infrastructure for research cannot be maintained. So, we have to find external sources for grants to fund research work.