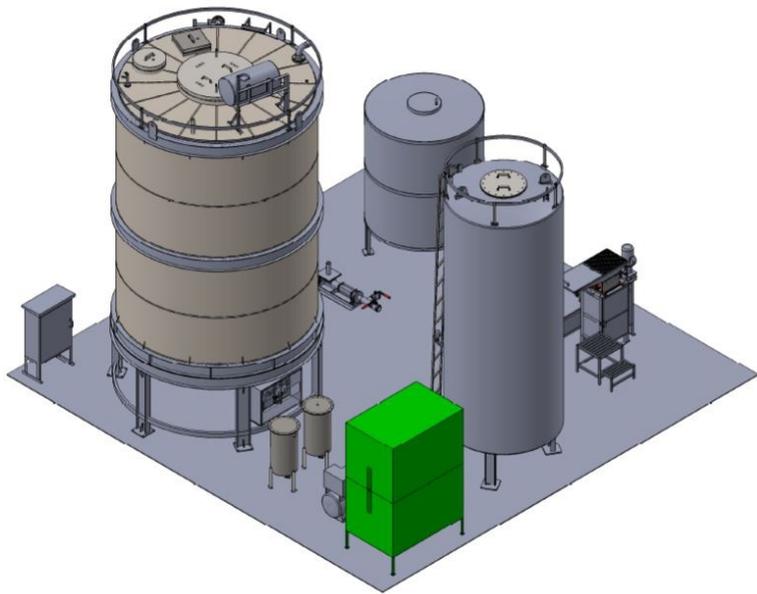


DEPARTMENT OF BIOTECHNOLOGY

Biogas unit at VFSTR University campus

The Department of Biotechnology, VFSTR proposed the concept of “*Waste to Wealth*”, a solid-waste management system for our University campus.

The objective is to emphasize “*Green Campus*” by converting organic solid waste into bio-fuel & bio-manure. The project cost is Rs.50 Lakhs which includes purchase & installation of the pre-fabricated Biogas unit, *BioUrja-1000KPD* from GPS Renewables,



Bangalore. The *BioUrja* utilizes food wastes generated from Vignan’s Hostel kitchens as raw material. The highest productivity of Biogas is 70 Kg LPG-equivalent per 1000 Kg of wet waste. Presently, the foundation civil work for erecting the unit is under-construction at Priyadharshini hostel premises. The Biogas unit will be operational by the end of this year. The project is administered by Dr.Charles David, Asst. Professor, Dept. of Biotechnology, under the guidance of Dr.S.Krupanidhi, Professor & Head, Dept. of Biotechnology.