

## **Department of Chemistry**

### **Report on the Visit to the Solid Waste Management Unit, Kurudampalayam, Coimbatore under DBT Star College Scheme on 11.12.2018**

II B. Sc. Chemistry students were taken to visit the “**Solid Waste Management Unit**” at Kurudampalayam, Coimbatore on 11<sup>th</sup> December 2018. The purpose of the visit is to create an awareness about reducing/managing the waste at the source level and also to separate the recyclable waste.



#### **Nature of the Work at the Unit**

The waste is collected door-to-door from all the houses of Kurudampalayam panchayat through a battery operated vehicles by self-help groups. The solid waste like glass, polythene cover, food wastes are separated. The fish waste is separated, used as feed for the ducks grown in the unit and the eggs are sold in the market. The vegetable waste is cleaned by using water and they are used as feed for cattle. The cattle waste (i.e) “cow dung” is used to produce biogas. The cow dung slurry is used for the preparation of vermi-compost. Especially, they are using African earthworms from which a better variety of vermi-compost is obtained. The food waste is used as feed for the white pigs grown there. The polythene materials are sent for recycling.

The main motto of the Unit is “**WASTE IS WEALTH**”



In the afternoon, students were taken to the G. D. Naidu Science Museum.



No. of students participated	: 50
No. of staff members accompanied	: 2
Date and Time of arrival	: 11.12.2018 and 10.00 a.m
Mode of Travel	: Bus
Date and Time of departure	: 11.12.2018 and 5.00 p.m