



## **Best Practices: 1**

### **1. Title of the Practice**

**Glass waste Management**

### **2. Objectives of the Practice**

i. Effective disposal of glass waste

ii. Ecofriendly measure

iii. Avoid the glass injury likely to happen if left unattended

### **3. The Context**

Yuvaraja's college is a science college with departments such as chemistry, Biochemistry, Microbiology, Environmental Science, Molecular Biology, Botany, Zoology, Geology, Food Science and Nutrition, Biotechnology and Physics which use many reagents contained in the glass bottles and also glasswares. The glass bottles after the use of chemicals/reagents are accumulated in the departments which have to be safely disposed off. Glasswares get broken during the use by students and research scholars and also have to be safely discarded. Mysore City corporation is consulted by the college to help in safe disposal.

### **The Practice**

The departments such as chemistry, Biochemistry, Microbiology, Environmental Science, Molecular Biology, Botany, Zoology, Geology, Food Science and Nutrition, Biotechnology and Physics are instructed to send the glasswares at regular intervals to a designated place in the college. As per the agreement done by the college with the Mysore City corporation, a corporation mini lorry is sent to the college at regular time intervals and the glass waste is loaded to the vehicle by the workers who know how to handle glass waste. Thus the corporation collect the glass waste safely and take in their vehicles for recycling with personnels who know to handle the glass waste.

### **4. Evidence of Success**

i. This has resulted in effective disposal of glass waste

ii. This has helped to have regular space in all departments to keep the new reagents for use.

## **6. Problems Encountered and Resources Required**

Some times the Vehicle for disposal gets delayed. At present, as such there is not much problem faced by the departments in this regard. Better collection containers can be used in each department as per the colour code.

## **Best Practices: 2**

### **1. Title of the Practice**

Green campus with rich biodiversity and QR codes

### **2. Objectives of the Practice**

- i.** To maintain greenery in the campus
- ii.** To document the flora and fauna of the college
- iii.** To have good breathing air in our campus

### **5. The Context**

Yuvaraja's college is a heritage college. Our institution is known for its greenery. We have always maintained serene and green surroundings and intend to maintain the same in future also.

### **4. The Practice**

Every year planting of saplings is done during *vanamahotsava*, Earth day, Environmental day. Botany students are trained to name the plants with botanical names. Zoology students are exposed to name the fauna of the surroundings. This has helped in growing and documenting them.

### **5. Evidence of Success**

Our campus has more than 50 trees which are more than 75 years old. Institution has best utilised the space available to keep campus green. There are large trees, plants, ornamental plants in park and also in corridor of new building. Trees and

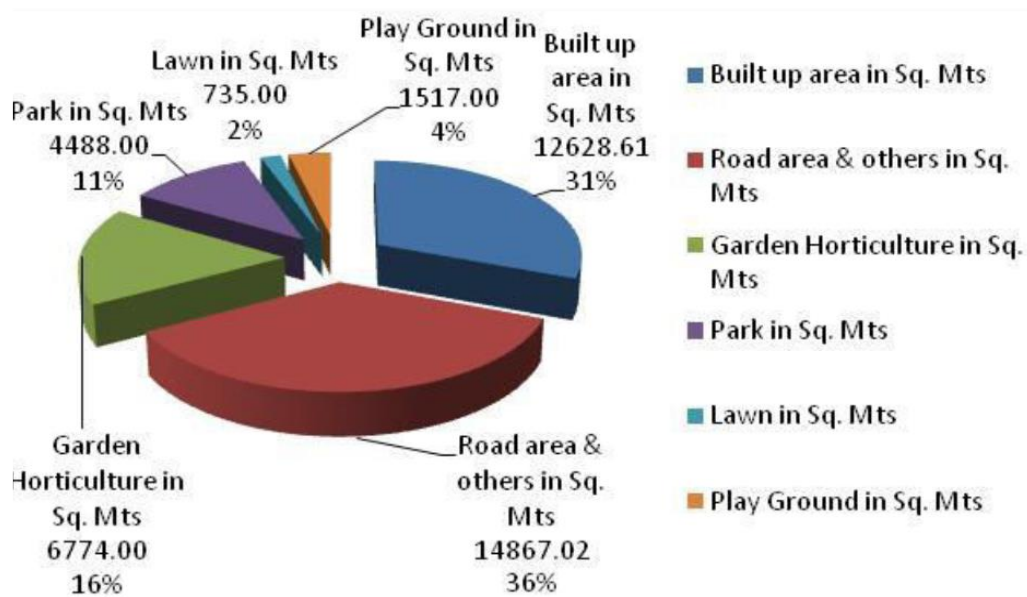
plants are labelled with both common and scientific name. These initiatives will enhance interest among students and also in visitors. About 30 % of area is covered by green with large trees, small plants, ornamental plants and lawn. More than 150 different types of vegetation are available the campus. More than 50 different resident & migratory birds can be seen in the campus.

## 6. Problems Encountered and Resources Required

Further beautification and better watering of the plants with efficient system of irrigation can be adopted with financial support from CSR funds.

### Supporting materials :

#### Green campus initiatives include:





View of college building with Heritage tag



View of the green campus with old trees



View of walking lanes with greenery on either side

