



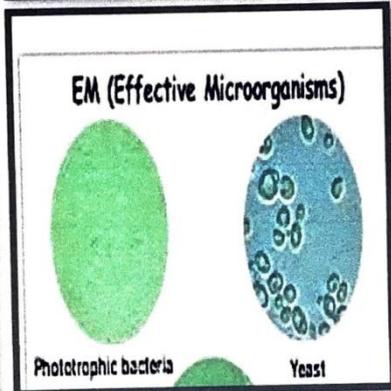
DCT's  
**Dhempe College of Arts and Science**  
Miramar, Goa

### **Report of workshop on "Preparation of Effective Micro-organisms"**

Effective microorganism (EM) solution is a living entity containing active microbes without chemicals and genetically engineered microorganisms. These microorganisms are extremely beneficial, eco-friendly and harmless. EM is very economical and easy to use. EM solution is classified as Original EM and Extended EM.

Original EM has dormant microorganisms and is used to prepare extended EM solutions. Extended EM is further classified as secondary EM, Rice wash, Bokashi etc. EM have been used as manure for promoting plant growth and as general eco-friendly cleaner to remove tough stains, grime and dirt from tiles, exhaust fan, kitchen utensils as well as to eliminate odour from bathroom and kitchen wastes.

The workshop on EM was organized by Green Audit committee on 4th October 2017 for teachers in the Seminar hall of Dhempe College of Arts and Science. Twenty-one teachers from various departments participated in this workshop. Dr. H.R. Prabhudessai, retired scientist from ICAR was the resource person for the workshop. The first session was the introductory session on EM. The second half of the session involved hands on training on secondary EM preparation and Bokashi. All the participants enthusiastically participated in preparation of secondary EM from jaggery syrup, original EM and water. Around 10 litres of EM solution were prepared by the participants. The secondary EM prepared during the workshop was eagerly shared by the participants for their domestic use. The activity was extended further to demonstrate preparation of EM to students of Botany to inspire and inculcate a culture of environment conservation.



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