


## Yogeshwari Mahavidyalaya, Ambajogai

### 7.2.1 Report of Best Practices implemented by the Department of Microbiology during the last five years

**Title of the Best Practice:** Management of Solid Organic waste in the college campus by using consortium of Microbial culture

<b>Title of the Programme/Activity</b>	<b>Management of Solid Organic waste in the college campus by using consortium of Microbial culture</b>
Brief Description	To achieve the goal of making the college a zero waste generating campus and sustainability, the college follows the practice of biodegradable solid waste (dry leaves) management by microbial culture. The department of Microbiology provides hands-on training on production of organic solid waste decomposing culture & using it for management of solid organic waste. The college have constructed 3 compost pits in the campus. Dry leaves is collected from campus & deposited in compost pits. These compost pits are used for management of biodegradable solid waste e.g. dry leaves and to make the nutrient rich organic compost. The ready compost is used as organic manure for plants in the botanical garden, medicinal garden & terrace garden. The purpose of this activity was to promote management of solid organic waste in an eco-friendly manner. This activity is conducted under the guidance of Dr. Narsinge A.P.
Outcome of the Activity	<ul style="list-style-type: none"><li>- Students acquainted knowledge &amp; skills of production of waste decomposing microbial culture.</li><li>- This activity has promoted students to use eco-friendly method for proper management of waste.</li><li>- It has prevented burning of dry leaves &amp; reduced pollution</li><li>- This created awareness among students regarding use of eco-friendly approach.</li></ul>
List of Participants	Teaching & non-teaching staff & students of the Dept. participated
Photographs with captions	 <p>Waste decomposing culture produced under the guidance of Dr.</p>

Narsinge A.P.



**Non teaching staff engaged in producing waste decomposing microbial culture**



**Non teaching staff applying microbial culture for management of solid organic waste**



**Non teaching staff harvesting matured, black coloured, humus like nutrient rich compost**



**Non teaching staff harvesting matured, black coloured, humus like nutrient rich compost**



**Students applying compost to the plants in terrace gardens**



**Students applying compost to the plants in terrace gardens**