



SRI KRISHNA ARTS AND SCIENCE COLLEGE

COIMBATORE

BEST PRACTICES



2023-24

BEST PRACTICE SUSTAINABILITY

1. Title of the Practice Sustainability

2. Objectives of the Practice

- To achieve Future viability without compromising the ability of future generations.
- To attempt for Intergenerational equity balancing Environment, Economy and Society
- To achieve UN SDG goals from a classroom environment.
- To acquire new skills to sustain in the Education Industry

3. The Context – Features

- The practice of eco-friendly and organic supplies in the laboratory
- Setting up a ecological footprint calculators to help students understand the impact of their consumption and lifestyle choices.
- Use sustainable materials in the practice session in the laboratory to minimise the cost.
- Use of organic materials and its benefits to the soil

4. The Practice

The Catering Science and Hotel Management Department of Sri Krishna Arts and Science College, uses “Sustainability” concepts in their Practical Laboratory sessions. The Vegetables waste which includes peeled, leftovers were normally thrown in the dustbin, However after the “Sustainability” concepts, these waste were collected separately by the students and mixed with the micro-organism and layered with cocopeats for a period of 60-70 days. There were Four practical sessions in a week during the Odd semester and 6 practical sessions per week in an Even semester. During these practical sessions, all the collected waste were converted and preserved processed for organic manure. The Organic manure thus collected was tested in the laboratory for further use and commercialisation. The processed organic manure does not include any spoiled vegetables, cooked products or meats.

5. Evidence of Success

The Organic manure were used in the Institution Garden in order to improve the soil quality, nutrient retention and increased microbial activity.

As a next step, the collected manures were used in the commercialisation by selling the products as well as to retain the products for the newly planned Herbal Garden,

In line with the Indian Knowledge System, the department of Catering Science and Hotel Management has planned to set up the Herbal Garden and use the Organic manure in the Endangered Indian Medical Herbs. These herbs will be used to preserve and practice the Traditional Indian Medical practices in Cooking.

6. Problems Encountered and Resources Required Nil



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