

Department of Biotechnology
FACULTY OF ARTS, SCIENCE AND HUMANITIES

KARPAGAM ACADEMY OF HIGHER EDUCATION
(Deemed to be University)
(Established Under Section 3 of UGC Act, 1956)
Pollachi Main Road, Coimbatore- 641021

Workshop on
"Production of Golden Manure Compost
- Bioentrepreneur Initiative"

Report



21, December 2018, at 10.00 AM
@ PG Lab, Department of Biotechnology, FASH, KAHE

Dr. A.R. Sumayya

Dr. Prabu, G.R.

The golden manure compost is a green revolutionary technique to nourish the plants in organic way and to rescue the polluted soil. It's high time for the students to learn this technique. So the workshop was framed in such a way that the students have both theoretical and practical knowledge.

Forty students had participated in the workshop conducted in the Department. The programme was started with an **introduction of the golden manure usage, importance, advantage of the training as entrepreneur** by **Dr. Prabu, G. R., Head & Convener, Department of Biotechnology, FASH, KAHE.**

The **technical sessions** were provided by **Dr. Sumayya, A.R., Assistant Professor, Department of Biotechnology, FASH, KAHE.**



Preparation of Golden Manure

As a pre-phase, two weeks before the programme, garbage from the market place, Ukkadam, Coimbatore, Tamil Nadu were collected with the cow dung. The collected garbage with dried leaves, grasses and waste papers were piled up with the normal wet soil in a big basket and left for composting. At regular intervals, the turnings up of the piles were done.

On the day of workshop, the students were given the idea for getting good matured compost in the morning sessions. In the afternoon session, they were trained to pack up the garbage pile in the compost bag by Dr. A. R. Sumayya, Assistant Professor, Department of Biotechnology, FASH, KAHE. Additionally, they were trained to use the commercial compost in the soil as well as in the liquid form.



Lecture Session

It was an **initiative for the bio-entrepreneurship thoughts to the students**. At the end of the session the students mind were filled with knowledge of composting to achieve in a small scale.

With this training, the students are given inputs about how to enrich the plant's growth. The students were encouraged to carry out the compost methodologies in their home sites.



Participants Group photo