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(Deemed to be University)
(Under Section 3 of UGC Act 1956)

Department of Microbiology
KARPAGAM ACADEMY OF HIGHER EDUCATION

(Deemed to be University, Established Under Section 3 of UGC Act, 1956)
Pollachi Main Road, Eachanari Post, Coimbatore, Tamil Nadu - 641 021

We cordially invite you for the in house workshop on

"MUSHROOM CULTIVATION - 2015"



Exploring The "Significantly Small"

Venue: Microbiology Lab

Date: 07.10.2015

Time: 10.00 am

"MUSHROOM CULTIVATION - 2015"

PROGRAMME

Prayer

Welcome address

Ms. Nivetha, R.
(II – B. Sc. Microbiology)

Keynote Address

Dr. M.Kulandhaivel
Assistant Professor
Department of Microbiology
Karpagam Academy of Higher Education
Coimbatore

Vote of Thanks

Mr.Sridhar Perarulalan, S
(II – B. Sc. Microbiology)

National Anthem

Venue: Microbiology Lab

Date: 07.10.2015

Time: 10.00am

Mushroom Cultivation Workshop 2015

The mushroom cultivation workshop was conducted on 07.10.2015 by department of Microbiology, to improve the skill of the students and train them to become a Bio entrepreneur. Around 25 students participated in the workshop and benefitted.

The Importance of Mushroom Cultivation

- Nutritional value
- Protein content, 3-7% when fresh and 25- 40% when dry. Contain all essential amino acids, amides and lysine.
- Medicinal value
- Consumption of mushrooms slows down the spread and effect of cancer, heart disease, HIV/AIDS (by boosting immune system).
- Income generation and
- Employment creation.

Advantages of Mushroom Growing

- Use of idle structures,
- Involvement of small initial capital,
- Possible production all the year round
- Use of Agricultural waste as substrate- mostly waste materials from farms, plantations or factories.
- Is a Biodegrader hence environmental con-server.

Consumption benefits of mushrooms.

- Contain all essential amino acids
- Has Vit.C, cynocobalimin (Vit,B12) content found only in animal products
- Low in sodium ideal for people with heart and kidney ointments.
- Have iron, calcium, potassium, phosphorus and folic acid.

Challenges in Mushroom Growing

- Lack of skills on mushroom production
- Spawn is expensive and quality not guaranteed
- Lack of awareness of benefits of mushroom
- Traditional beliefs of some communities

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