

**Jayaraj Annapackiam College for Women (Autonomous),
Periyakulam.**



PG and Research Centre of Zoology

START – UP PROGRAMME

APICULTURE

2020 -2021

Objectives of the start - up programme Apiculture:

- In a developing country like India, which is largely dependent on agriculture, bee keeping can be an important agro based enterprise.
- To create new employment opportunities.
- To acquire skill on bee keeping and aspire to be entrepreneurs.
- To assess the potential of apiculture as an alternative source of income generation through survey and field trials.

Name and Address of the Co-Ordinators:

1. Dr. Mrs. V. Jemima Florence Borgia,
Assistant Professor in Zoology,
PG and Research Centre of Zoology,
Jayaraj Annapackiam College for Women (Autonomous),
Periyakulam.
2. Dr. Sr.Irudaya Lourdu Gladis,
Assistant Professor in Botany,
PG and Research Centre of Zoology,
Jayaraj Annapackiam College for Women (Autonomous),
Periyakulam.

Report of the Programme (2020 - 2021):

PG and Research Centre of Zoology started Apiculture as start - up programme during the academic year 2018 - 2019. The trained students regularly visited the Bee farm at St. Assisi Park, Jayaraj Annapackiam College for Women (Autonomous) and they are maintaining the bee hives.

23.01.2021

II PG and III UG Zoology students along with Dr. V. Jemima Florence Borgia, Asst. Professor in Zoology visited bee farm in St. Assisi Park, JAC on 23.01.2021.

Dr. V. Jemima Florence Borgia, Asst. Professor in Zoology gave a talk on “Apiculture”. She explained the classification of honey bee, different species of honey bees in India, methods of bee keeping, composition of honey bee colony, swarming, Foraging, products of bee keeping and bee keeping equipments.

She also gave a training to handle the bee colonies and how to extract honey from bee hives.

Ten students were benefited through this training programme.

II. M.Sc. Zoology

1. A. Banu
2. Samundishwari

III B.Sc. Zoology (A)

1. B. Gnana suganthi
2. P. Nanthini

III B.Sc. Zoology (SF)

1. M. Tamil Mani
2. S. Santhiya
3. M. Dharani
4. G. Pandishwari
5. S. Thansiya
6. J. Nanthini

03.02.2021

Honey is collected from the bee hive by the trainers and the Co-ordinator of Apiculture start – up programme on 03.02.2021. 1 Kg of honey is collected, and processed for sale.

11.03.2021

Honey is collected from the bee hives by the trainers. 1 Kg of honey is collected and processed for sale.

12.03.2021

Dr. V. Jemima Florence Borgia, Co-ordinator of start – up programme & Assistant Professor in Zoology delivered a talk on “Honey Preparation” to the I UG students of Jayaraj Annapackiam College on 12.03.2021 for Skill Enhancement Programme in Indoor Auditorium. She explained about the scope of Apiculture, classification of honey bees, kinds of honey bee, types of bees in the bee colony, activities of honey bees, bee keeping, Newton hove bee keeping equipments and products of bee keeping. She also explained the budget for bee keeping and bee keeping profits. 275 students were benefited.

Income from the Start – up Programme
Apiculture during the year 2020 - 2021

= Rs. 1200.

Outcome of the Start-up programme

- Honey bees play a significant role in the pollination of many flowering plants thus increasing their yield.
- It indicates the health of the surrounding ecosystem.
- Maintaining an industry that is self-supporting with a minimum capital amount.
- Bee keepers had high level of overall entrepreneurial potential.
- Honey and bee wax can be produced from an area of little agricultural value.
- Honey is the very good natural medicine for most of the ailments.

Signature of the
Co-ordinator

Signature of the
Head of the Institution





