

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



PG and Research Centre of Zoology

START – UP PROGRAMME

APICULTURE

2021 - 2022

Objectives

- To acquire skill on bee keeping and aspire to be entrepreneurs.
- To create new employment opportunities.
- 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,
Jayaraj Annapackiam College for Women (Autonomous),
Periyakulam.

2. Dr. Sr. A. Irudaya Lourdu Gladis,
Assistant Professor in Botany,
Jayaraj Annapackiam College for Women (Autonomous),
Periyakulam.

Outcome of the Start-up programme

- Employment opportunities.
- Self - supporting programme.
- The revenue generated by the students can be utilized to support their studies.
- Earn while learn.
- Honey bees play a significant role in pollination thus increases the yield.
- Increases sustainable ecosystem.
- Production of honey and bee wax.

Report of the Programme (2021 - 2022)

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

27.08.2021

Webinar on “Honey Bees: Hope for Life” was organized on 27th August, 2021 through Google Meet.

Report of Webinar

PG and Research Centre of Zoology, Start Up Programme – Apiculture in association with Institution’s Innovation Council (IIC), Jayaraj Annapackiam College for Women (Autonomous), Periyakulam organized “World Entrepreneur Day” webinar on “Honey Bees: Hope for Life” on 27th August, 2021 through Google meet.

The programme began with prayer song followed by Bible reading and prayer. Dr. Mrs. V. Santhi, Head & Associate Professor of Zoology, Jayaraj Annapackiam College for Women (Autonomous), Periyakulam, welcomed the gathering. Dr. S. Josephine Arockia Mary, Entrepreneur, VIBIS Natural Bee Farm, Madurai was the Resource Person. She gave a talk on “Honey Bees: Hope for Life”. She explained the role of honey bees in pollination and also explained that the taste, colour and medicinal value of the honey changes according to the type of flowers from which it was collected. So, we can produce different varieties of honey with different medicinal values. She also paved the way to become an entrepreneur. We should maintain the quality of the product. Madam also told that the government supports the entrepreneur by providing loan with subsidy to enhance their skill and quality of their life style. Madam encouraged our students to become an entrepreneur.

Success of the webinar is due to the motivation, guidance and inspiration of Rev. Sr. Dr. S. Jesurani, Principal and Rev. Sr. Dr. B. J. Queensly Jayanthi, Secretary & Mother Superior, Jayaraj Annapackiam College for Women (Autonomous), Periyakulam.

Finally vote of thanks was given by Dr. Mrs. V. Jemima Florence Borgia, Convener and Assistant Professor in Zoology, Jayaraj Annapackiam College for Women (Autonomous), Periyakulam. Feedback was given at the end of the session. Through this webinar 15 faculty members and 55 students were benefited.

05.10.2021

On 05th October, 2021 trained students were collected 500 grams of honey which was processed and stored for sale.

03.03.2022

On 3rd March, 2022 in the presence of Co - Ordinator 500 grams of honey was collected by the trainers. The honey was processed and preserved for sale.

13.04.2022

Dr. Mrs. V. Jemima Florence Borgia, Co-ordinator of start – up programme and Assistant Professor in Zoology delivered a talk on “Honey Preparation” to the I UG students of Jayaraj Annapackiam College on 13th April, 2022 for Skill Enhancement Programme. She explained the scope of Apiculture, classification and kinds of honey bee, types of bees in the bee colony, Newton Hive, activities of honey bee, bee keeping, bee keeping equipment and products of bee keeping. She also explained the budget and profits of bee keeping. 225 students were benefited through this programme.

05.05.2022

Webinar entitled “Awareness on Intellectual Property Rights” was organized on 05th May, 2022.

Report of Webinar

PG and Research Centre of Zoology, Start Up Programme – Apiculture in association with Institution’s Innovation Council (IIC), Jayaraj Annapackiam College for Women (Autonomous), Periyakulam organized webinar entitled “Awareness on Intellectual Property Rights” on 05th May, 2022 through Google Meet. The webinar began with prayer song followed by Bible reading. Dr. Mrs. V. Jemima Florence Borgia, Convener, Co-ordinator of start – up programme Apiculture and Assistant Professor in Zoology, Jayaraj Annapackiam College for Women (Autonomous), Periyakulam welcomed the gathering.

Mr. A. Lakshmi Narayanan, Examiner of Patents and Designs, Officer (Group A Gazette), Intellectual Property Office, Government of India was the Resource Person. Sir explained in detail about the Intellectual Property, types of Intellectual Property, importance and its significance.

He clearly differentiated the types of patents, copyright, trademark, design patent and the products specialized in geographical distribution. He also highlighted the types of inventions in

IPR and the method of application for the patent process. He motivated the students to apply for their inventions, creating designs and models.

The motivation, guidance and inspiration of Rev. Sr. Dr. S. Jesurani, Principal and Rev. Sr. Dr. B. J. Queensly Jayanthi, Secretary & Mother Superior, Jayaraj Annapackiam College for Women (Autonomous), Periyakulam made the webinar a grant success.

Vote of thanks was rendered by Mrs. F. Sherin Rebecca, Assistant Professor in Zoology, Jayaraj Annapackiam College for Women (Autonomous), Periyakulam. Rev. Sr. Dr. S. Iruthaya Kalai Selvam, Assistant Professor in Zoology was the Organizing Secretary for the webinar. Through this webinar 19 faculty members and 93 students were benefited.

Total budget breaks up

Balance Amount	= Rs. 2430
Income from the Start – up Programme	
Apiculture during the year 2021 - 2022	= Rs. 600
Balance (Profit)	= Rs. 3030
Amount given to the needy students to pay the Tuition fee	= Rs. 500
Seed money for 2022 – 2023	= Rs. 2530

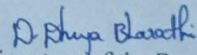
**Signature of the
Co-ordinator**

**Signature of the
Head of the Department**

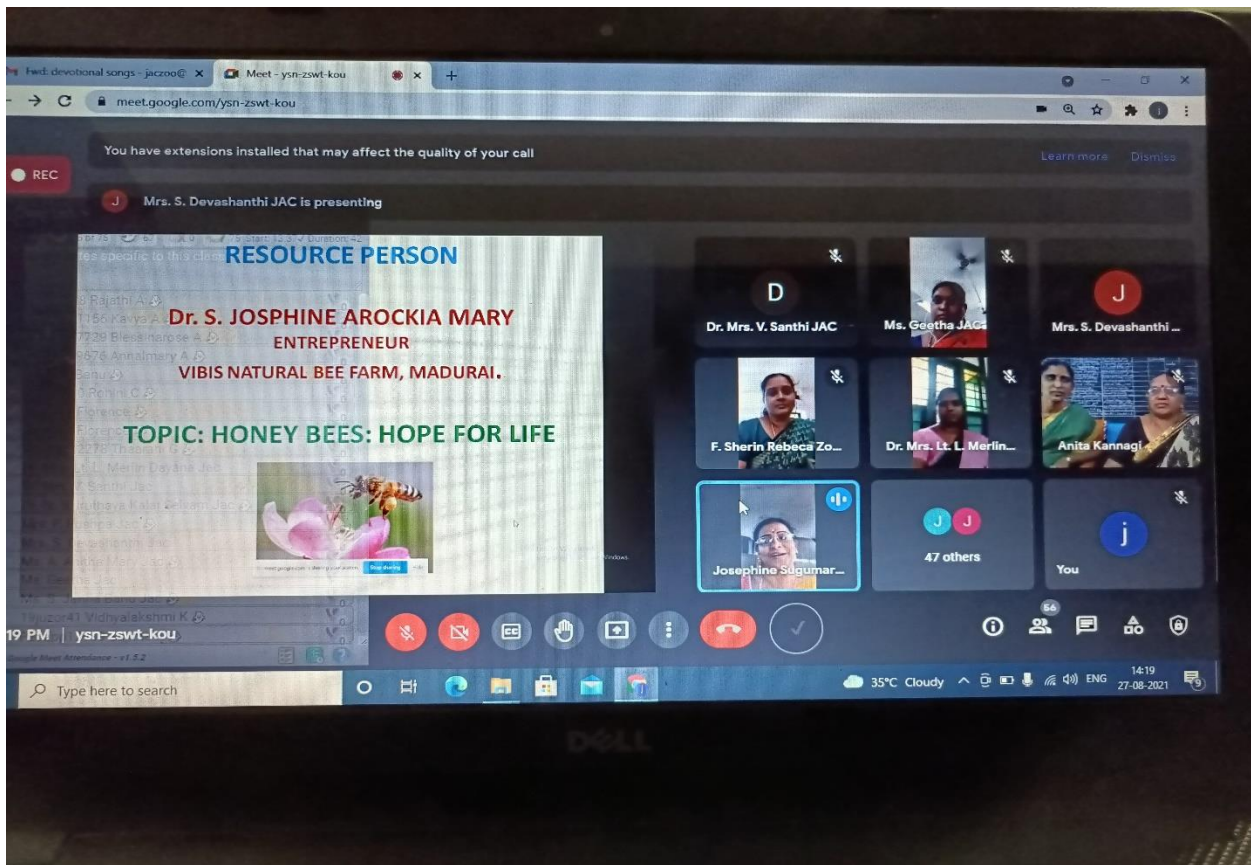
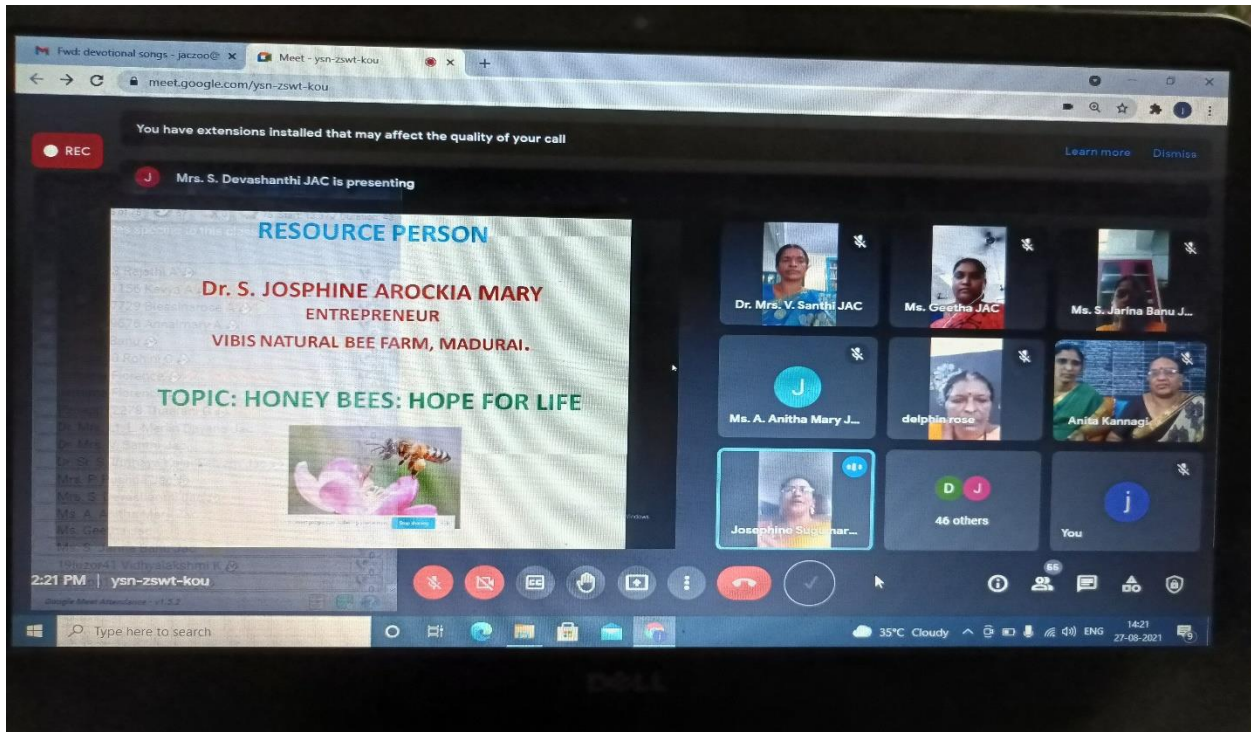
Jayaraj Annapackiam College for Women (Autonomous) Periyakulam
Start Up Programme – Apiculture
Receipt

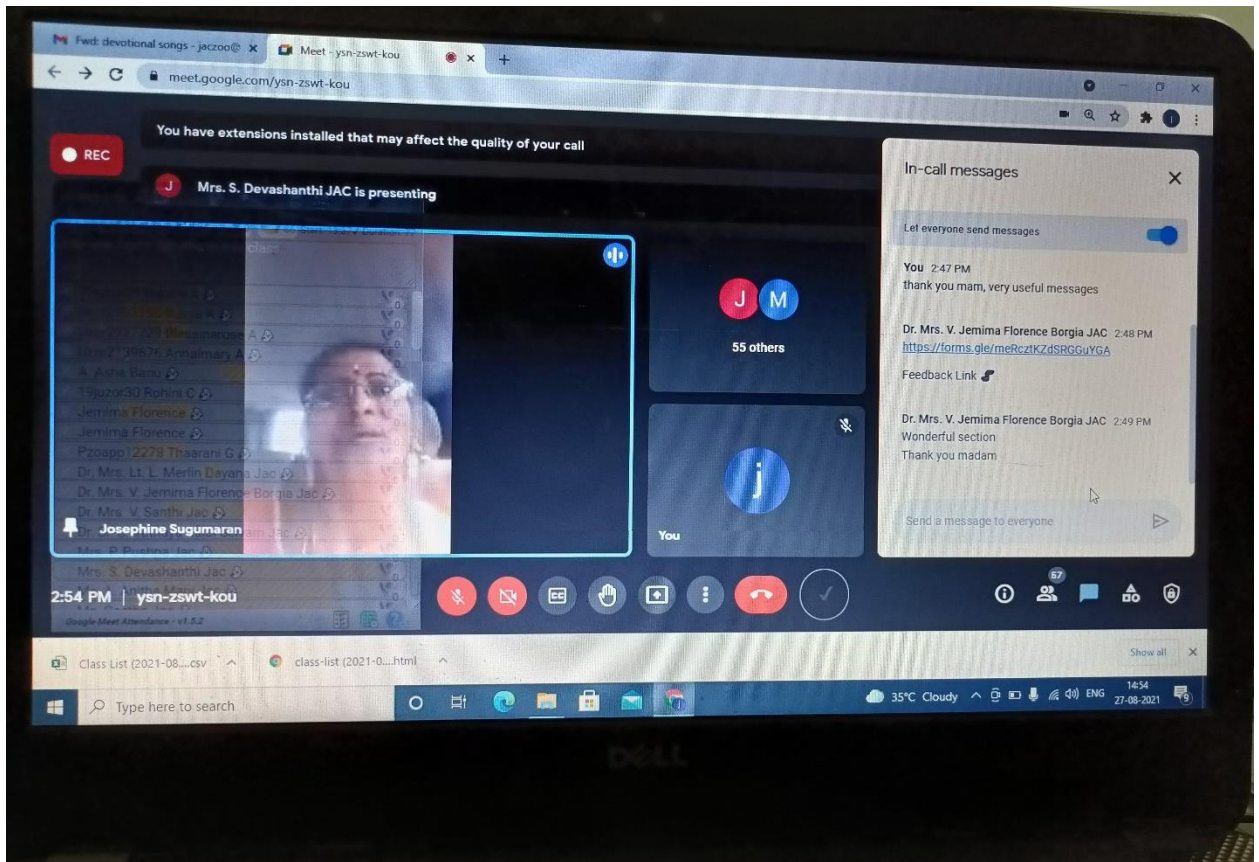
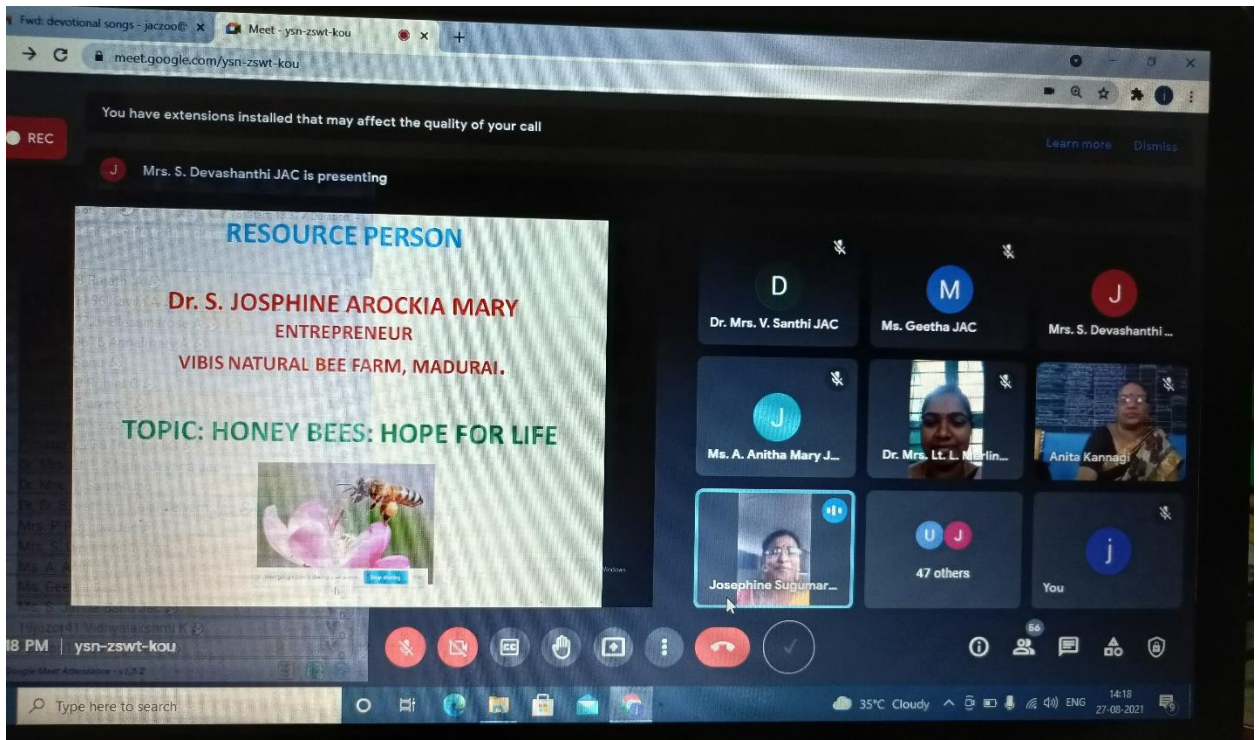
Date: 25.05.2022

Received with thanks from the HoD of Zoology, a sum of Rs 500 (Five Hundred only) towards Start Up Programme - Apiculture, PG and Research Centre of Zoology, Jayaraj Annapackiam College for Women (Autonomous), Periyakulam, Theni District.


Signature of the Beneficiary

Webinar - 27.08.2021





Talk on “Honey Preparation” - 13.04.2022



IPR Webinar - 05.05.2022

JAYARAJ ANNAPACKIAM COLLEGE FOR WOMEN (AUTONOMOUS), PERIYAKULAM
 (A Unit of the Sisters of St Anne of Tiruchirappalli)
 Accredited with 'A+' Grade in 4th Cycle by NAAC
 DST-FIST Supported College
 Affiliated to Mother Teresa Women's University, Kodakkannal

PG AND RESEARCH CENTRE OF ZOOLOGY
Start Up Programmes
Institution's Innovation Council (IIC)
 Organizes
 Webinar

AWARENESS ON INTELLECTUAL PROPERTY RIGHTS

Date: 05.05.2022 Time: 3.00 to 4.00 P.m

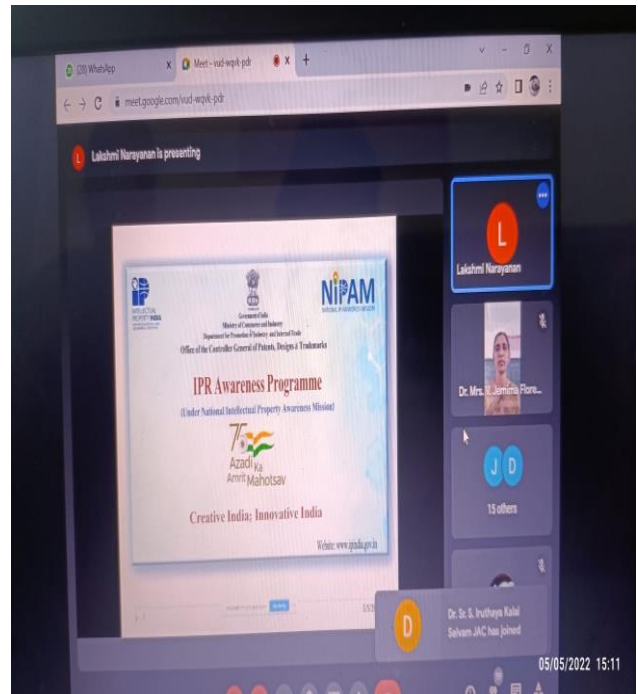
Resource Person
Mr. A. Lakshmi Narayanan
 Examiner of Patents & Designs
 Intellectual Property Office,
 Government of India, Chennai

Patrons

Rev. Sr. Dr. B. J. Queensly Jeyanthi Secretary & Mother Superior J. A. College for Women	Rev. Sr. Dr. S. Jesurani Principal & Chairman (IIC) J. A. College for Women
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Convenor: Dr. V. Jemima Florence Borgia
 Assistant Professor in Zoology,
 J. A. College for Women

Organizing Secretary: Dr. Sr. S. Iruthaya Kalai Selvam
 Assistant Professor in Zoology,
 J. A. College for Women



What is Patent?

- ▶ A patent is an exclusive right granted in respect of an **invention**, which may be a **product or a process** that provides a new and inventive way of doing something, or offers a new and inventive **technical solution** to a problem.
- ▶ Giving **exclusive right** to the Patentee to stop others from "making, using, exercising, vending and importing".
- ▶ An **Invention** for a **limited period (20 Years)**, in **exchange for disclosing** it in a patent specification such that any one trained in the art can reproduce the invention.
- ▶ Right to exclude others using your invention.

15/2022

2022/05/05 15:20



