



**GOVT. DEGREE COLLEGE,
RAJAMPETA, ANNAMAYYA DT.**



LINKAGE WITH

SRI. A. VARAPRASADA REDDY GARU

ORGANIC FARMING

HASTHAVARAMU

RAJAMPETA (M)

ANNAMAYYA DT.

Academic year 2023-24

By

DEPT. OF ZOOLOGY

Purpose and benefits of this linkage :

In addition to the regular curricular subject knowledge, providing additional knowledge to the students about the rearing of honey bees and their importance in the agriculture sector, Dept. Of zoology made linkage with Sri. A. Varaprasada Reddy garu, Innovative farmer awardee, Hasthavaramu, Kadapa dt, on **18-04-2023**. Further we conducted a **field trip on 10-12-2023** and visited the organic farming of Varaprasada Reddy garu. He is cultivating mixed crops by using organic fertilizers. Along this, he is rearing honey bees. Students directly observed the structure of bee hive, type and different castes of honey bees rearing in this farm and equipment used for honey harvesting. Varaprasada reddy garu has given much information about the preparation of organic fertilizers, crop productivity and the role of honey bees in the cross pollination, bee products and honey harvesting. Students tasted and tested the purity of honey. Here students also directly visited the mixed crops and known the preparation of organic fertilizers.

LINKAGE

18/04/2023

From

Department of Zoology
Govt. Degree College
Rajampeta
Annamayya Dt.

With

Sri. A. Varaprasada Reddy
Organic farmer
Hastavaram (V)
Rajampeta (Mandal)
Annamayya Dt.

Objectives

- To know the knowledge about the location of Apiaries
- To know the structure artificial bee hive by direct visiting.
- To know the importance of Honey bees in the Agricultural sector from the entrepreneur.
- To know the relationship between the honey bees and organic farming.
- To enrich the knowledge of the students about bees and organic farming by the entrepreneur.

I am very much happy to share expertise owned by me which was planned , purposeful, progressive and systematic process to create positive vibrations in students of Govt Degree College Rajampeta.

We express our gratitude and appreciation for the efforts sharing a derivative expertise owned by Sri A. Varaprasada Reddy , Organic farmer, Hastavaram (V), Rajampeta (Mandal), Annamayya DT.

The duration of this linkage is two years from the date of acquiring.

Signature: *[Signature]*
For and on behalf of
Dept. of Zoology
Date: 18/4/23
Lecturer in Zoology
Government Degree College
Rajampeta, Kadapa (Dt)

PRINCIPAL
Govt. Degree College
RAJAMPET - 516 215.
Sonnayya Dt. 18/4/23

Signature: *[Signature]*
For and on behalf of
Date: 18/4/23
HASTAVARAM (V), HASTAVARAM
RAJAMPETA (M) - KADAPA (Dt)
Govt. Degree College



ACTIVITY - FIELD TRIP

1. Name of the Activity	FIELD VISIT – APICULTURE	
2. Name of the Lecturer/s	Dr. N. Chandra Mohan	
3. Date	10-12-2023	
4. Number of students participated	16	
5. Number of faculty involved	01	
6. Aim & Objectives – <ul style="list-style-type: none">• To know the location of the Apiaries• To know the Structure of Artificial hive.• To know the equipment used in the Apiculture.• To know the movement of honey bees from the hive.• To know the feeding components of honey bees.• To know the identification of female from other bees.• To know the relationship between honey bees and crops.• To know the yielding of honey.		
7. <u>Brief Report :</u> <ul style="list-style-type: none">➤ Rearing of honey bees is called Apiculture. Honey bees are good pollinators. If honey bees disappeared in the environment, human life is collapsed.➤ To provide more knowledge to the students on Apiculture, Dept. of Zoology has conducted a Field Visit on 10-12-2023 to visit the Apiaries at Hasthavaram (Vi), Rajampeta Mondal, Annamayya Dt. This was maintained by Sri Akepati Varaprasada Reddy, Innovative farmer awardee.➤ He runs the agriculture through organic farming by polyculture method.➤ Along with Agriculture he has been maintaining five apiaries. They buy and brought from the Agriculture University, Coimbatore on Feb’2021.➤ He is rearing Indian Bees (Apis Indica), mainly for the cross pollination of the plants.➤ He has given a broad information on apiaries and relationship between honey bees and organic farming to the students. He obtained 20-25kg/yr of honey.➤ Students directly visualized the structure of honey bees, artificial apiaries and harvesting of honey.➤ Students test the quality of the pure honey by hands on experiment.➤ Dr. N. Chandra Mohan and Sri K. Janardhana, faculty of Zoology and I year (Zoology Major and Botany Major) students were participated in this programme.➤ Finally students expressed a high satisfaction about this programme.➤ We get linkage with Sri A, Varaprasada Reddy garu on 18-4-23.		



Varaprasada Reddy garu Explained about the honey bees, bee hive and bee products



Students observing crop



Distributing honey to the students



Students tested the quality of honey and tasted

