

# HINDU COLLEGE – GUNTUR

## STUDENT CENTRIC METHODS

### 2.3.1(QLM)

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## EXPERIENTIAL LEARNING

|                                     |                          |
|-------------------------------------|--------------------------|
| <b>Name of the Department</b>       | : Agriculture            |
| <b>Title of the Event</b>           | : Visit to farmers field |
| <b>Date</b>                         | : 10-02-2022             |
| <b>Venue</b>                        | : Dokiparru              |
| <b>Co-ordinator</b>                 | : D.Hena Josephine       |
| <b>No.of Staff Members Involved</b> | : 1                      |
| <b>No.of Students Involved</b>      | : 35                     |

**Objective of the event:** To provide students some practical knowledge about the pests of cabbage, Tomato, Sugar cane, Maize & Red gram

**Plan and Execution:** We informed and requested the farmers to allow us to visit this fields & booked the bus for a visit.

**Outcome of the Event:** Students got acquainted with the production and plan protection of cabbage, tomato, sugar cane, maize & Red gram

**Evidences** : Photo



# **EXPERIENTIAL LEARNING**

**Name of the Department** : Agriculture  
**Title of the Event** : Visit to Lam Farm  
**Date** : 10-02-2022  
**Venue** : Guntur  
**Co-ordinator** : D.Hena Josephine  
**No.of Staff Members Involved** : 1  
**No.of Students Involved** : 35

**Objective of the event:** To get acquainted with the different methods of irrigation like drip irrigation Sprinkler irrigation and flooding method

**Plan and Execution:** We requested the Director of Lam Farm, to grant us permission to visit Lam

**Outcome of the Event:** Students gained knowledge about the irrigation methods

**Evidences** : Photos



# **EXPERIENTIAL LEARNING**

**Name of the Department** : Agriculture

**Title of the Event** : Visit to Horticultural Research Station

**Date** : 22-03-2022

**Venue** : Ambajipet

**Co-ordinator** : V. Annie Manohari

**No.of Staff Members Involved** : 03

**No.of Students Involved** : 32

**Objective of the event:** To demonstrate students with coffee cultivation Coconut plantation

**Plan and Execution:** We seeked permission to visit HRS from director and then took the students in train

**Outcome of the Event:** Students got acquainted with coffee production and coconut cultivation

**Evidences** : Photos





# EXPERIENTIAL LEARNING

**Name of the Department** : Department of agriculture  
**Title of the Event** : Visit to Entomology department, Bapatla college  
**Date** : 11-03-2022  
**Venue** : Bapatla  
**Co-ordinator** : D.Hena Josephine  
**No.of Staff Members Involved** : 01  
**No.of Students Involved** : 49

**Objective of the event:** To know about different orders of insects with some Examples and get some practical exposure about Different research projects done by department.

**Plan and Execution:** We sent a permission letter to deans College of Agriculture Bapatla and then decided a date to visit and completed it successfully.

**Outcome of the Event:** Gained knowledge about different research programs of department of Entomology.

**Evidences** : Photos







# **EXPERIENTIAL LEARNING**

**Name of the Department** : Department of Agriculture  
**Title of the Event** : Vizag trip  
**Venue** : Vishakapatnam, Andhrapradesh  
**Date** : 26-03-22  
**Co-ordinator** : Smt.V.Annie Manohari  
**No.of Staff Members Involved** : 5  
**No.of Students Involved** : 35

**Objective of the event:** To make the students visit the places and know their Importance.

**Plan and Execution:** we have selected the place to visit and arranged a bus made the itinerary and booked accommodation and reached the place by bus.

**Outcome of the Event:** Students gained knowledge about the historic places and enjoyed visiting places.

**Evidences** : photos





## **EXPERIENTIAL LEARNING**

**Name of the Department** : Department of Agriculture

**Title of the Event** : Field visit and cultivation of black gram

**Venue** : Hindu College Farm, Guntur

**Date** : 13/04/2022

**Co-ordinator** : Kum. D. Hena Josephine

**No.of Staff Members Involved** : 02

**No.of Students Involved** : 40

**Objective of the event:** To gain practical knowledge on cultivation practices of crops and farm operations

**Plan and Execution:** We conducted departmental meeting and divided the students into batches. We took permission and reached the farm by bus. Allotted plots for the batches and cultivated the crop.

**Outcome of the Event:** Students learned about land preparation like tillage ,weeding and sowing of the crop 2. They also studied about pests and diseases affecting the crop and their control measures.

**Evidences** : Photos



# **EXPERIENTIAL LEARNING**

**Name of the Department** : Agriculture  
**Title of the Event** : Visit to Agricultural Research Station  
**Date** : 02-05-2022  
**Venue** : Amaravathi  
**Co-ordinator** : D. Hena Josephine  
**No.of Staff Members Involved** : 02  
**No.of Students Involved** : 47

**Objective of the event:** To give practical exposure to students regarding cultures for different bio fertilizers & their production.

**Plan and Execution:** We booked a bus and informed students about the date and arranged a visit

**Outcome of the Event:** Students got a known about the bio fertilizers production and culture medium.

**Evidences** : Photos



# **EXPERIENTIAL LEARNING**

**Name of the Department** : Department of Agriculture

**Title of the Event** : Visit to lam farm

**Venue** : Guntur

**Date** : 21/05/2022

**Co-ordinator** : D. Hena Josephine

**No.of Staff Members Involved:** 2

**No.of Students Involved** : 45

**Objective of the event:** To explain the students about the weather parameters and weather forecasting

**Plan and Execution:** We mailed a request letter to Head of RARS to grant us permission. We arranged a bus for the visit.

**Outcome of the Event:** Students gained knowledge about the instruments used in weather forecasting.

**Evidences** : Photos





## **EXPERIENTIAL LEARNING**

|                                     |                                            |
|-------------------------------------|--------------------------------------------|
| <b>Name of the Department</b>       | : Department of Agriculture                |
| <b>Title of the Event</b>           | : Internship in Raithu Nestham Foundation  |
| <b>Venue</b>                        | : Pulladigunta                             |
| <b>Date</b>                         | : 6-10-22 to 10-11-22.                     |
| <b>Co-ordinator</b>                 | : Sri K. Lakshmi Srinu & D. Hena Josephine |
| <b>No.of Staff Members Involved</b> | : 02                                       |
| <b>No.of Students Involved</b>      | : 24                                       |

**Objective of the event:** To gain practical knowledge on production of organic fertilizers in agriculture

**Plan and Execution:** Discusses about the objective in meeting and contacted the organization. After their approval students started internship and started working on production of organic fertilizers & value added products from millets, their packing practices & storage.

**Outcome of the Event:** Student learnt about organic farming and integrated use of fertilizers for good yields

**Evidences** : Photos and certificates







## **EXPERIENTIAL LEARNING**

**Name of the Department** : Department of Agriculture

**Title of the Event** : Internship in Pearls Lab

**Date** : 20-09-21

**Venue** : Guntur

**Co-ordinator** : Smt. V. Annei Manohar and P.L. Pravallika

**No.of Staff Members Involved** : 02

**No.of Students Involved** : 12

**Objective of the event:** To Study about plant tissue culture techniques like production of callus. & other modern techniques.

**Plan and Execution:** Discussed with students and contacted the organization the student stated working on production of callus from plant tissue culture, their sterilization techniques & development of new plants and completed internship with certificates.

**Outcome of the Event:** Student gained knowledge on striation techniques, and production of desired plants from tissue culture.

**Evidences** : Photos and certificates



# **EXPERIENTIAL LEARNING**

|                                     |                                            |
|-------------------------------------|--------------------------------------------|
| <b>Name of the Department</b>       | : Department of Agriculture                |
| <b>Title of the Event</b>           | : Horticulture                             |
| <b>Venue</b>                        | : Dokiparru, Guntur                        |
| <b>Date</b>                         | : 1/08/2022                                |
| <b>Co-ordinator</b>                 | : Sri. Hena Josphine, Sr . K. Laksmi Srinu |
| <b>No.of Staff Members Involved</b> | : 02                                       |
| <b>No.of Students Involved</b>      | : 07                                       |

**Objective of the event:** To improve production of horticulture crop enhance national security develop technologies and improve income of farmers.

**Plan and Execution:** Conducted department meeting and selected the venue got approval and student asked questions to farmers about horticultural aspects I the area. Then student completed project successfully.

**Outcome of the Event:** Student raised awareness about management of diseases in horticultural crops. 2. Use of modern technologies & chemicals control to improve the crop yield in that area.

**Evidences** : Photos





# **EXPERIENTIAL LEARNING**

|                                     |                                           |
|-------------------------------------|-------------------------------------------|
| <b>Name of the Department</b>       | : Department of Agriculture               |
| <b>Title of the Event</b>           | : Survey on Air Pollution                 |
| <b>Venue</b>                        | : Dokiparru, Guntur                       |
| <b>Date</b>                         | : 01/08/2022                              |
| <b>Co-ordinator</b>                 | : Sri., K. Laksmi Srinu, D. Hena Josphine |
| <b>No.of Staff Members Involved</b> | : 02                                      |
| <b>No.of Students Involved</b>      | : 08                                      |

**Objective of the event:** To check air quality and awareness about development of air quality by following different strategies & improve the lifestyle of people.

**Plan and Execution:** Conducted meeting and selected the place to survey got approval and student conducted survey on sources of air place in that area and raised awareness about control & completed the project successfully.

**Outcome of the Event:** Student gained knowledge on causes of air pollution in that area mainly due to industries & vehicles. Raised awareness about control measures of air pollution.

**Evidences** : Photos







## **EXPERIENTIAL LEARNING**

|                                     |                                          |
|-------------------------------------|------------------------------------------|
| <b>Name of the Department</b>       | : Department of Agriculture              |
| <b>Title of the Event</b>           | : Botanical Survey                       |
| <b>Venue</b>                        | : Dokiparru, Guntur                      |
| <b>Date</b>                         | : 01/08/22                               |
| <b>Co-ordinator</b>                 | : Sri. K. Laksmi Srinu, D. Hena Josphine |
| <b>No.of Staff Members Involved</b> | : 02                                     |
| <b>No.of Students Involved</b>      | : 07                                     |

**Objective of the event:** To survey about the crops grown in the area and cropping systems.  
To know about crop welfare schemes given to the farmers.

**Plan and Execution:** Conducted meeting and selected the place to survey then students went to village and carried out survey on Botanical aspects with already prepared questionnaire to farmers and completed successfully.

**Outcome of the Event:** Student gained knowledge on different crops and cropping system in that particular area. They studied about different pests and diseases affecting the crops in that area.

**Evidences** : Photos & Dissertation.







# **EXPERIENTIAL LEARNING**

|                                     |                                                               |
|-------------------------------------|---------------------------------------------------------------|
| <b>Name of the Department</b>       | : Department of Agriculture                                   |
| <b>Title of the Event</b>           | : Survey on Waters Facilities and Drinking Water Availability |
| <b>Venue</b>                        | : Dokiparru, Guntur                                           |
| <b>Date</b>                         | : 01/08/22                                                    |
| <b>Co-ordinator</b>                 | : Sri. K. Laksmi Srinu, D. Hena Josphine                      |
| <b>No.of Staff Members Involved</b> | : 02                                                          |
| <b>No.of Students Involved</b>      | : 07                                                          |

**Objective of the event:** To survey about the quality of drinking water in that area to reduce water borne diseases and foster healthy living.

**Plan and Execution:** Conducted meeting and selected the place to survey then students went to village and carried out survey on drinking water with already prepared questionnaire to farmers and completed successfully.

**Outcome of the Event:** Student observed many issues related to water in that particular area and created awareness on the need of drinking safe water.

**Evidences** : Photos & Dissertation.





## **EXPERIENTIAL LEARNING**

**Name of the Department** : Department of Agriculture  
**Title of the Event** : Survey on Health and Hygiene  
**Venue** : Dokiparru, Guntur  
**Date** : 02/08/2022 to 05/08/2022  
**Co-ordinator** : Sri. K. Lakshmi Srinu , D. HenaJosphine  
**No.of Staff Members Involved:** 02  
**No.of Students Involved** : 08

**Objective of the event:** To Conduct a survey on personal hygiene in area and Raise awareness about practicing personal hygiene to Control diseases& improve lifestyle of people.

**Plan and Execution:** Conducted meeting and selected the place survey got permission and students conducted survey by following a questions the student completed the project successfully.

**Outcome of the Event:** Student raised awareness about importance of personal hygiene mainly for pregnant ladies & children would help them to lead a healthy lifestyle.

**Evidences** : Photos







# **PARTICIPATIVE LEARNING**

**Name of the Department** : Department of Agriculture  
**Title of the Event** : Herbarium collection  
**Venue** : Hindu college, Guntur  
**Date** : 16/11/2021  
**Co-ordinator** : D. Hena Josphine  
**No.of Staff Members Involved** : 01  
**No.of Students Involved** : 47

**Objective of the event:** To collect the weeds and conserve them in the form of herbarium

**Plan and Execution:** Students collected the different weeds and dried them using the newspaper and prepared a herbarium

**Outcome of the Event:** Students gained practical knowledge about the identification of different weeds .

**Evidences** : Photos



## **PARTICIPATIVE LEARNING**

**Name of the Department** : Department of Agriculture  
**Title of the Event** : Seminar presentation  
**Venue** : Hindu college, Guntur  
**Date** : 18/03/2022  
**Co-ordinator** : Smt. V. Annie Manohari, PLM Pravallika  
**No.of Staff Members Involved:** 02  
**No.of Students Involved** : 06

**Objective of the event:** To study about the effect of weeds and Integrated weed management.

**Plan and Execution:** Students were given seminar topic and set the date on that day, students presented the seminar topic by using projector and completed presentation successfully

**Outcome of the Event:** Students gained knowledge about different methods to control the weeds and increase the yield of the crop.

**Evidences** : Photos.





# **PARTICIPATIVE LEARNING**

**Name of the Department** : Department of Soil Science and Agricultural Chemistry

**Title of the Event** : Seminar presentation

**Venue** : Classroom Hindu college , Guntur

**Date** : 21/03/2022

**Co-ordinator** : Smt. V Annie Manohari and D. Hena Josphine

**No.of Staff Members Involved:** 02

**No.of Students Involved** : 06

**Objective of the event:** To study about the biological nitrogen fixation of soil in the crops and processes involved in it.

**Plan and Execution:** Students were given the seminar topics and set the date. On that day, they presented the seminar by using the projector and completed the presentation successfully.

**Outcome of the Event:** Students gained knowledge on nitrogen fixation which is very important to improve soil fertility. They also understood the importance of soil microorganisms

**Evidences** : Photos.



## **PARTICIPATIVE LEARNING**

**Name of the Department** : Department of Agriculture

**Title of the Event** : Peer Teaching

**Venue** : Hindu College, Guntur

**Date** : 20/06/2022

**Co-ordinator** : D.Hena Josephine

**No.of Staff Members Involved** : 01

**No.of Students Involved** : 32

**Objective of the event:** To make the students understand the subjects topic

**Plan and Execution:** Students were given topics and explain them and answered the questions raised by other students.

**Outcome of the Event:** Student understood the topic and subjects and gained in depth knowledge

**Evidences** : Photos





# **PROBLEM SOLVING**

**Name of the Department** : Department of Agriculture  
**Title of the Event** : Integrated Farming System Model  
**Date** : 11-11-2021  
**Venue** : Hindu college  
**Co-ordinator** : PLM. Pravallika  
**No. of Staff Members Involved** : 2  
**No. of Students Involved** : 12

**Objective of the event:** To demonstrate the class about Integrated Farming System its components and the advantage of IFS in Sustainable Agriculture.

**Plan and Execution:** Students gathered agriculture about the IFS and Components of Agriculture.

**Outcome of the Event:** Students gained awareness about IFS and Sustainable Agriculture.

**Evidences** : Photos

