

# MEMORANDUM OF UNDERSTANDING (MOU)

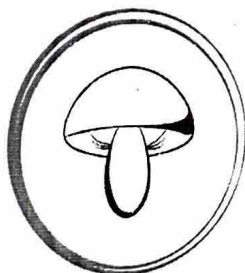
Between



**K.R. MANGALAM UNIVERSITY**  
E D U C A T I O N F O R L I F E  
(Recognized by UGC and a member of AIU)

**K.R. MANGALAM UNIVERSITY**  
Sohna Road, Gurugram (Haryana)-122103

And



**B I O C R E D E N C E**  
P R E V E N T I O N • A L L E V I A T I O N • H E A L I N G

**B I O C R E D E N C E**

18-19, HSIIDC Udyog Kunj,  
Sohna Gurugram Road, Village- Alipur  
Gurugram (Haryana)

  
Registrar  
K.R. Mangalam University  
Sohna Road, Gurugram, (Haryana)

BioC

MEMORANDUM OF UNDERSTANDING

The Memorandum of Understanding is executed on 15<sup>th</sup> July, 2022

**BETWEEN**

K.R. Mangalam University, Sohna Road, Gurgaon - 122103 (Delhi NCR Region), a University established under the Haryana Private Universities Act 2006 (Amended 08 of 2013) and under section 2(f) of UGC Act, 1956 wherein empowered to award degrees, as specified under section 22 of the UGC Act, 1956, through its Registrar, duly authorized to enter into and sign an MOU on behalf of K.R. Mangalam University (hereinafter referred to as KRMU)  
PARTY OF THE FIRST PART.

**AND**

Bio Credence, 18-19, HSIIDC Udyog Kunj, Sohna Gurugram Road, Village- Alipur, Gurugram (Haryana) , through its Mr. Anshuman Kalra, Partner- Bio Credence duly authorized in this regard to sign an MOU on behalf of Bio Credence, PARTY OF THE SECOND PART.

The expression KRMU and Bio Credence shall, mean and include the Institutions/Organizations, their successors, appointees, assignees etc.

**1. SCOPE OF THIS AGREEMENT**

The scope of collaboration on academic and research activities in this Memorandum of Understanding includes the following categories:

- (i) Academic and Research collaboration in the areas of mutual interest. It is expected that this collaboration will in due course lead to collaborative research projects, joint publications, joint workshops and seminars, webinars, guest lectures, etc.
- (ii) Cooperation by the parties in the area of skill based training, internship, placement and other events or programs for students as the case may be. There is no financial responsibility on any of the parties to this MOU.

**2. RESEARCH COLLABORATION**

Faculty and staff from both parties will collaborate in the joint research in disciplines of mutual interest. All such joint research activities will be governed by the terms as given below:

- i. Proposals for collaborative research work under this Memorandum will be submitted with the prior approval of the Head of each institution, or his/her nominee.
- ii. Each institution will nominate one of its members as its representative in charge

  
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Sohna Road Gurugram (Haryana)



- of the cooperative programme. Individual programme of work under this Memorandum will be jointly planned and conducted by the nominees of both parties
- iii. Progress of work of any individual programme will be reviewed and approved by designated authorities of both parties.
  - iv. Neither K.R. Mangalam University nor Bio Credence will be held responsible for any liability to the party, and neither party shall be required to purchase any insurance against loss or damage to any property due to activities to which this agreement relates.
  - v. Every collaboration will have its own agreement / contract which addresses issues such as IPR, funding pattern, usage policies of research facilities, disclosure of information etc.
  - vi. Every joint publications, joint workshops and seminars, webinars, guest lectures will be conducted, reviewed and approved by designated authorities of both parties.

### 3. TRAINING AND PLACEMENT

That the parties shall also collaborate for any other purpose concerning education & training of students of the Second Party, which is not covered in this MOU after mutual discussion and on consent of both parties.

- i. Bio Credence will provide internship certification to acknowledge and appreciate student's work. If required the Bio Credence, will support the training and placement of the students of SOAS, KRMU.
- ii. Motivational and confidence building Workshops to aspire them to achieve their career goals
- iii. Placements / Internship Opportunities for Students with stipends

The selection and nomination of students is open throughout the academic year. The student nomination should be accompanied by

- i. Curriculum vitae
- ii. Statement of aptitude from a member of the student's school/ faculty.
- iii. A specific outline of the programme of study at the host institution and a statement of objectives of the students.

When a nomination is forwarded by the home institution, it is presumed that the sending Institution considers the students suitable for the proposed internship, training and placement and consents to send the students if selected by the host institution. The host institution will evaluate the nominations and determine their suitability for selection under the Student Internship and Training Programme.

  
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K.R. Mangalam University  
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When a nomination is forwarded by the home institution, it is presumed that the sending Institution considers the students suitable for the proposed internship, training and placement and consents to send the students if selected by the host institution. The host institution will evaluate the nominations and determine their suitability for selection under the Student Internship and Training Programme.


#### 4. COMMENCEMENT, RENEWAL, TERMINATION AND AMENDMENT


This MoU will come into force upon affixing of the signatures of the representatives of the partner institutions and will remain in effect for two (2) years. This MoU may be renewed upon its expiry, with the agreement of both the partner institutions. If either partner institution wishes to terminate the MoU at the end of two years, it must notify the other institution not less than six months prior to the expiry of the MoU.

This MoU or its renewal and the actions taken under it may be reviewed at any time. Modifications may be made by mutual agreement and any amendment or extension to the agreement may be formalized by the exchange of letters between the two parties.

For K.R. Mangalam University

For Biocredence

  
Gp. Capt. Praveen Mahajan  
Registrar

  
Sh. Anshuman Kalra,  
Partner- Biocredence

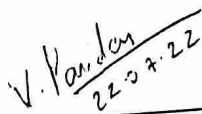
Dated: 22<sup>nd</sup> July, 2022

Dated: 22<sup>nd</sup> July, 2022

1. WITNESS 

1. WITNESS  Dr. S.S. Sharma

2. WITNESS  22/07/2022

2. WITNESS  22.07.22

  
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Sohna Road, Gurugram, (Haryana)





**K.R. MANGALAM UNIVERSITY**  
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**SCHOOL OF AGRICULTURAL SCIENCES**  
**ACADEMIC SESSION 2022-23**

KRMU/SOAS/Notice/2022-23/\_\_\_\_

Date: 07/11/2022

**NOTICE**

**Field Project on Production of Medicinal- Value Mushrooms under MOU with Biocredence.**

School of Agricultural Sciences is organizing a Field Project on Production of Medicinal- Value Mushrooms under MOU with Biocredence, scheduled for November 11, 2022.

The objectives of the program are:

- To enhance students' and faculty's knowledge about the medicinal importance of mushroom and mushroom's products.
- To emphasize the relevance of hands-on learning.
- To provide exposure to sustainable mushroom cultivation practice to students.

DEAN  
School of Agriculture Sciences (SOAS)  
K.R. Mangalam University  
Sohna Road, Gurugram  
Haryana 122166  
**Dean, SOAS**

  
Registrar  
K.R. Mangalam University  
Sohna Road, Gurugram,

# TRAINING AT BIOCREDESCENCE

*Project report submitted*

*In partial fulfillment of the requirement for the degree of*

**Bachelor of Science (Hons) in Agriculture**

**COURSE- MUSHROOM CULTIVATION AND TECHNOLOGY**

By

Priyanka Raghav (1913820002)

*Sp Singh*  
*09.12.22*

Under the guidance of-  
Dr. Surya Prakash Singh  
(Assistant professor)



*Sp Singh*

Registrar  
K.R. Mangalam University  
Sohna Road, Gurugram

Department of Agriculture  
School of Agriculture Sciences  
K. R. Mangalam University, Gurugram - 122003

## DECLARATION

We declare that this written submission represents our ideas in our own words and where other's ideas or words have been included, we have adequately cited and referenced the original sources. We also declare that we have adhered to all the principles of academic honesty and integrity and have not misrepresented or fabricated or falsified any idea/data/fact/source in our submission. We understand that any violation of the above will be cause for disciplinary action by the Institute and can also evoke penal action from the sources which have thus not been properly cited or from whom proper permission has not been taken when needed. We further declare that if any violation of the intellectual property right or copyright, my supervisor and university should not be held responsible for the same.



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Priyanka Raghav

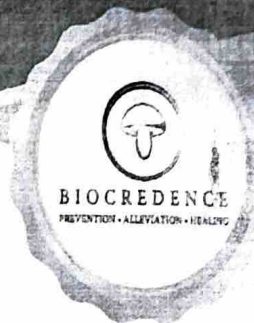
Roll No. 1913820002

Place: K.R. Mangalam University

Date: 11 November 2022



# CERTIFICATE OF TRAINING



This is to certify that

Poojanka Rajia, Student SRM Institute of Science and Technology has successfully  
completed training for Mushroom Cultivation  
and Technology at Biocredence

Date: 2<sup>nd</sup> Nov '22 to 11<sup>th</sup> Nov '22

Signature  
Co- founder of Biocredence

Signature  
Co- founder of Biocredence

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Sohna Road, Gurugram, (Haryana)





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**ACADEMIC SESSION 2022-23**

Date: 30/11/2022

KRMU/ SOAS/Notice/2022-23/ \_\_\_\_\_

**NOTICE**

**Session on Preparation of Media for Mushroom Cultivation under MOU with Biocredence.**

School of Agricultural Sciences is organizing a Session on Preparation of Media for Mushroom Cultivation under MOU with Biocredence, scheduled for December 2, 2022.

The objectives of the program are:

- To enhance student's and faculty's practical knowledge about the preparation of culture media, isolation, and maintaining for the mushroom cultivation.
- To emphasize the relevance of hands-on learning which help to start-up in mushroom farming.

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Haryana

  
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# K.R. MANGALAM UNIVERSITY

## THE COMPLETE WORLD OF EDUCATION

### Report on

**Date:** Friday, 2<sup>nd</sup> December 2022.

**Venue:** Bio Credence, Alipur, Gurugram

**Event Type:** Training

**Mode of Activity:** Offline

**Target Group:** SOAS students

**Resource Person:** Mr. Anshuman Kalra (Partner-Bio Credence) & Dr. Nisha, Microbiologist

**Coordinator:** Dr. Khushboo Singh

**Organized by:** School of Agricultural Sciences

**Number of Participants:** 5

BioCredence is an organization working in the field of mushroom especially medicinal Mushroom. Mushroom is a complete, health food and suitable for all age groups, child to aged people. Today, mushroom farming is India's most fruitful and lucrative industry. It is progressively gaining popularity in India because it quickly turns the laborious labor of farmers into profit. In India, farmers employ mushroom growing as a secondary source of income. The first step in mushroom cultivation is culture media preparation. Culture media are essential for isolation of mushroom fungi and maintaining them in a pure culture either in test tubes or in Petri plates. Firstly, Dr. Nisha (Microbiologist) and Mr. Anshuman Kalra explained the entire process of medicinal mushroom cultivation in the center through PowerPoint presentation. They explained several types of media such as solid, semi-solid and liquid media. They also showed videos of autoclave laboratories and laminar Air Flow etc. After this, Dr. Nisha practically demonstrated the media preparation method and discussed various handling precautions inside the laboratories. Later Mr. Anshuman Kalra interacted with students about the Agri-entrepreneurs option and their demand in future. He also discussed about the importance of nutritional improvement in various crops (SOAS) Dr. Khushboo

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Haryana 122103

Singh thanked Mr. Anshuman Kalra and Dr. Nisha for such an insightful and practical exposure of media preparation for mushroom production.

**Geotagged Photograph**



**Photo 1: Dr. Nisha explaining about the steps of Media preparation**

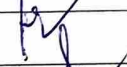

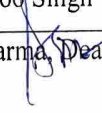
  
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Sohna Road, Gurugram, (Haryana)

  
**DEAN**  
School of Agriculture Sciences (SOAS)  
K.R. Mangalam University  
Sohna road, Gurugram  
Haryana 122103





Photo 2: Dr. Nisha explaining about the handling of media.

Report prepared by	Dr. Khushboo Singh 
Report verified by Event Coordinator	Dr. Khushboo Singh 
Report Seen by Dean / Club Coordinator / Activity Coordinator/ IQAC Director / Registrar	Dr. S.S. Sharma, Dean SOAS 

  
**Registrar**  
 K.R. Mangalam University  
 Sohna Road, Gurugram, (Haryana)

  
 School of Agriculture  
 K.R. Mangalam University  
 Sohna road, Gurugram  
 Haryana 122109





Name of Activity: An activity on Preparation of media for Mushroom Cultivation

Date: 2-12-2022

Venue: Bio Credence

Organized by: Dr. Khushboo Singh

ATTENDANCE RECORD

Sr. No	Roll No.	Student Name	Programme & Semester	Signature of Student
01	2013820001	Sheetal	B.Sc Agri (H) V <sup>th</sup> Sem	
02	2013820005	Poonam	B.Sc Agri (H) V <sup>th</sup> Sem	
03	2013820003	Praney	B.Sc (H) Agri V <sup>th</sup> sem	
04	2113820014	Yogesh Sharma	B.Sc (H) Agri III <sup>rd</sup> sem	
05	2113820015	Anushka	B.Sc (H) Agri III <sup>rd</sup> sem	

Signature of Incharge

2/12/2022

School of Agriculture  
K.R. Mangalam University  
Sohna Road, Gurugram  
Haryana (122003)

2/12/2022

Registrar

K.R. Mangalam University  
Sohna Road, Gurugram, (Haryana)

K.R. Mangalam University, Gurugram  
School of Agricultural Sciences

NOTICE


Ref. No. KRMU/SOAS/2022-23/1010

Dated – 30.11.2022

School of Agricultural Sciences is organizing an activity on “Preparation of media for mushroom cultivation” (Activity Under MoU with Biocredence) on 2<sup>nd</sup> December 2022.

The purpose of this activity is to acquaint students with the practical exposure of media preparation, sterilization process.

The trip will be free of Cost. Students of SOAS should assemble in C-305 at 10:30 am sharp visit to Bio Credence centre, Alipur, Gurugram.

  
Event Coordinator



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Dean  
School of Agricultural Sciences (SOAS)  
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Haryana 122103

K.R. Mangalam University, Gurugram  
School of Agricultural Sciences

NOTICE

Ref. No. KRMU/SOAS/2022-23/1011

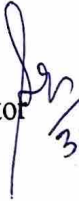
Dated – 30.11.2022

School of Agricultural Sciences is organizing an activity on "Plantation drive on the occasion of National Pollution Prevention Day in one of the adopted village" on 2<sup>nd</sup> December 2022.


The purpose of this activity is to spread awareness about the Pollution Prevention methods.

The trip will be free of Cost. Students of SOAS should assemble in **C-305 at 10:30 am** sharp visit to Ghamroj village, Gurugram.

Event Coordinator

  
30/11/22

Dean

  
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K.R. Mangalam University  
Sohna Road, Gurugram  
Haryana 122103  
20/11/22



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**ACADEMIC SESSION 2022-23**

KRMU/SOAS/Notice/2022-23/ \_\_\_\_\_

Date: 19/12/2022

**NOTICE**

**Field project on Hands on Collection of Insects, Soil & Water Samples under MOU with Biocredence.**

School of Agricultural Sciences is organizing a Field project on hands on collection of insects, soil & water samples under MOU Biocredence, scheduled for December 22, 2022.

The objectives of the program are:

- To identify and collection of different harmful insects of Rabi vegetable crops.
- To know about IPM techniques of these insects.
- To Study collection techniques of water samples from water resources.

**Dean, SOAS**  
School of Agriculture  
K.R. Mangalam University  
Sohna Road, Gurugram, (Haryana)

  
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Sohna Road, Gurugram

**“Field project on hands on collection of insects, soil &  
water samples ”**

**(Activity under MoU with Kinder Polyfarms)**

(Field Project Report)

School of Agricultural Sciences

Programme Code - 82

Project Guide: Dr. S.S. Sharma and Dr. Vikas Kr. Sharma



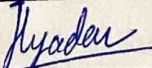
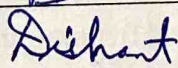
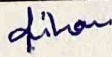
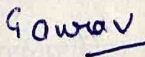
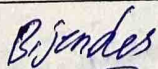
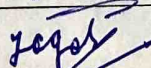
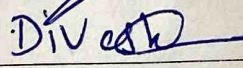
Academic Year - 2022-23

  
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K.R. Mangalam University  
Sohna Road, Gurugram, (Haryana)

## DECLARATION

We undersigned hereby declare that this field project report represents work carried out by us. We also declare that we have adhered to all the principles of academic honesty and integrity and have not misrepresented or fabricated or falsified any idea/ data / fact / source in our submission. We understand that any violation of the above will lead to disciplinary action by the Institute. The findings in this report are based on the sampling / recording during the field project held on 22/12/2022 at "The Kinder Polyfarms, Village - Palla, Bakhtawarpur, Alipur, Delhi - 110036" under the guidance of Dr. S.S. Sharma (Dean, SOAS) and Dr. Vikas Kumar Sharma (Assistant Professor, SOAS), K.R. Mangalam University, Gurugram (Haryana).

### Student's details:

Name of the students	Roll numbers of students	Signature of the students
Ashish Saini	2013820006	
Aamir Khan	2013820009	
Harish Yadav	2013820004	
Dishant	2113820010	
Rihan Khan	2113820022	
Gaurav Kumar	2113820016	
Bijender Kumar	2113820012	
Yogesh Sharma	2113820014	
Divesh	2213820016	



Registrar

K.R. Mangalam University  
Sohna Road



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School of Agriculture Sciences (SOAS)  
K.R. Mangalam University  
Sohna Road



## CERTIFICATE

Sr. No.	Student's Name	Roll Number	Place of Work	Duration of Field Project
1.	Ashish Saini	2013820006	The Kinder Polyfarms, Palla, Bakhtawarpur, Alipur, Delhi- 110036	25 Days
2.	Aamir Khan	2013820009		
3.	Harish Yadav	2013820004		
4.	Dishant	2113820010		
5.	Rihan Khan	2113820022		
6.	Gaurav Kumar	2113820016		
7.	Bijender Kumar	2113820012		
8.	Yogesh Sharma	2113820014		
9.	Divesh	2213820016		

This is to certify that enrolled in School of Agricultural Sciences (Program code: 82) has / have satisfactorily completed the project title "Field project on hands on collection of insects, soil & water samples under MOU with Kinder Polyfarms" under the guidance of Dr. S.S. Sharma (Dean, SOAS) and Dr. Vikas Kumar Sharma (Assistant Professor, SOAS), K.R. Mangalam University, Gurugram (Haryana).

This project work represents their original work and the references given in the present report are authentic.

Guide Name - Dr. Vikas Kumar Sharma

Department- Agriculture

School Name- School of Agricultural Sciences

Note: This is certificate is to be issued for the field projects executed by UG students under guidance of faculty members.

  
**DEAN**  
 School of Agriculture Sciences (SOAS)  
 K.R. Mangalam University  
 Gurugram  
 Haryana 122101  
 Dean Name: Dr. S.S. Sharma

  
**Registrar**  
 K.R. Mangalam University  
 Sohna Road, Gurugram, (Haryana)

## CERTIFICATE

Sr. No.	Student's Name	Roll Number	Place of Work	Duration of Field Project
1.	Ashish Saini	2013820006	The Kinder Polyfarms, Palla, Bakhtawarpur, Alipur, Delhi- 110036	25 Days
2.	Aamir Khan	2013820009		
3.	Harish Yadav	2013820004		
4.	Dishant	2113820010		
5.	Rihan Khan	2113820022		
6.	Gaurav Kumar	2113820016		
7.	Bijender Kumar	2113820012		
8.	Yogesh Sharma	2113820014		
9.	Divesh	2213820016		

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This project work represents their original work and the references given in the present report are authentic.


Guide Name - Dr. Vikas K. Sharma

Department- Agriculture

School Name- School of Agricultural Sciences

Note: This is certificate is to be issued for the field projects executed by UG students under guidance of faculty members.

  
**DEAN**  
 School of Agriculture Sciences (SOAS)  
 K.R. Mangalam University  
 Dean Nangal, S.S. Gurugram  
 Haryana 122101

  
**Registrar**  
 K.R. Mangalam University  
 Sohna Road, Gurugram, (Haryana)

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Note: Conclusion section must include the benefits to society through this project quantitatively. Inclusion of Geo tagged photographs is mandatory requirement.

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Sohna Road, Gurugram  
Haryana 122103

  
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Sohna Road, Gurugram, (Haryana)



## Introduction:

The Class Arthropoda, which includes insects, spiders, mites, and their relatives, is without question the most successful group of organisms on the planet. Insects alone account for nearly 55% of all species known to science. Because of the damage inflicted by pest species, increased knowledge of these organisms has the potential to save lives and money. Correct identification of a newly detected pest vector is of utmost importance because the scientific name of an organism is the key to all known information about its morphology, its behavior and life history, and its potential threat to human welfare. The behavior of insects and mites can be observed most easily in their natural environments. However, many species, especially the smaller ones, must be collected and properly preserved before they can be identified. Because correct identification seldom is easy, it is important that specimens be preserved in the best condition possible. A soil test lets the farmers understand what amount of nutrients are already present in the soil and how much extra is needed. It helps in bringing increased uniformity of nutrient availability across the fields for more uniform crop growth.

## Objectives:

1. To identify and collection of different harmful insects of Rabi vegetable crops.
2. To know about the integrated pest management techniques of these insects.
3. To study about the collection and storage of soil samples for testing.
4. To study about collection technique of water samples from water resources

## Description of Activities

Students collected these insects from the different fields of exotic and Indigenous vegetables and after the collection identification is done by Dr. S.S. Sharma. To collect the soil samples first removed the plant residues from the surface with the help of spade then soil sampling was done with khurpi. Soil sample was taken from 10 to 15 different places from the field to a depth of 6 inches. Then placed the soil in a clean container after mixing thoroughly. Similarly, water samples collected from both the water resources and stored in a clean container.

School of Agriculture  
K.R. Mangalam University  
Sohna Road, Gurugram  
Haryana 122102



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Sohna Road, Gurugram, (Haryana)

## Introduction:

The Class Arthropoda, which includes insects, spiders, mites, and their relatives, is without question the most successful group of organisms on the planet. Insects alone account for nearly 55% of all species known to science. Because of the damage inflicted by pest species, increased knowledge of these organisms has the potential to save lives and money. Correct identification of a newly detected pest vector is of utmost importance because the scientific name of an organism is the key to all known information about its morphology, its behavior and life history, and its potential threat to human welfare. The behavior of insects and mites can be observed most easily in their natural environments. However, many species, especially the smaller ones, must be collected and properly preserved before they can be identified. Because correct identification seldom is easy, it is important that specimens be preserved in the best condition possible. A soil test lets the farmers understand what amount of nutrients are already present in the soil and how much extra is needed. It helps in bringing increased uniformity of nutrient availability across the fields for more uniform crop growth.

## Objectives:

1. To identify and collection of different harmful insects of Rabi vegetable crops.
2. To know about the integrated pest management techniques of these insects.
3. To study about the collection and storage of soil samples for testing.
4. To study about collection technique of water samples from water resources

## Description of Activities

Students collected these insects from the different fields of exotic and Indigenous vegetables and after the collection identification is done by Dr. S.S. Sharma. To collect the soil samples first removed the plant residues from the surface with the help of spade then soil sampling was done with khurpi. Soil sample was taken from 10 to 15 different places from the field to a depth of 6 inches. Then placed the soil in a clean container after mixing thoroughly. Similarly, water samples collected from both the water resources and stored in a clean container.

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## Observations / Survey

The aim of this field project was to identifying insect-pests that attack vegetables grown in the irrigated area of along Yamuna River in Village-Palla, Delhi. The soil and water samples was also taken from the field of Kinder polyfarms. Students critically analysed the field of exotic and indigenous vegetables. The students found many insects i.e. Diamondback moth, Tobacco caterpillar (*Spodoptera litura*), Semi looper caterpillar, Cotton leafhopper, Black aphid, Surface grasshopper, Cow bug and Chrysopa honeybee infested the crop.

## Background information / Previous Work

During our last visit on 03/11/2022 at this place we found similar insects Diamondback moth, Tobacco caterpillar (*Spodoptera litura*), Semi looper caterpillar, Cotton leafhopper, Black aphid, Surface grasshopper, Cow bug cause serious damage to these crops. If regular survey is done with close and constant observation of crop, pest surveillance and forecasting could be possible for these insects and other micro-organism who damaging the crops.

## Factual data and timeline

09 students participated in the collection of insects, soil and water samples along with two faculty members. Ms. Astha (Irrigation and Fertigation Expert, The Kinder Polyfarms) delivered a lecture on collection of soil and water samples for testing.

Date: 22/12/2022

Place: The Kinder Polyfarms, Palla, Bakhtawarpur, Alipur, Delhi-110036

## Demographic Information

The Kider Polyfarms, Village - Palla, Bakhtawarpur, Alipur, Delhi-110036

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### Detailed Description of work

Insect collection methods may be divided into two broad categories. In the first, a collector actively finds and collects the insects with the aid of nets, aspirators, beating sheets, or any other apparatus that suits the particular needs. In the second, a collector participates passively and permits traps to do the work. Both approaches may be used simultaneously, and are discussed in the following pages. Students collected these insects from the different fields of exotic and Indigenous vegetables and after the collection identification and management methods was explained by Dr. S.S. Sharma.

Soil testing is an essential component of soil resource management and each sample collected must be a true representative of the area being sampled. First, plant residues was removed from the surface with the help of spade then soil sampling was done with khurpi. Soil sample was taken from 10 to 15 different places from the field to a depth of 6 inches. Then placed the soil in a clean container and mixed thoroughly and finally take approximately 1 pint to send for the lab testing. Similarly, water samples collected from both the water resources and stored in a clean container.

### Interpretation and Analysis

Students learn about the identification, collection and control of harmful insects of Rabi grown vegetables. They also learn about the sampling of soil and water for proper nutrition of the crops.

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### Conclusion:

Dr. S.S. Sharma (Dean, SOAS, KRMU, Gurugram) teach the students about the identification, collection and control measures of rabi vegetable insects. The students of SOAS actively participated in the field project. Mr. Utkarsh Updhayay also practically demonstrated the collection and storage of water and soil sample before sowing/ planting the crop.

### Recommendation:

Integrated pest management, soil and water sample before sowing the crop, biological control of insects

### References

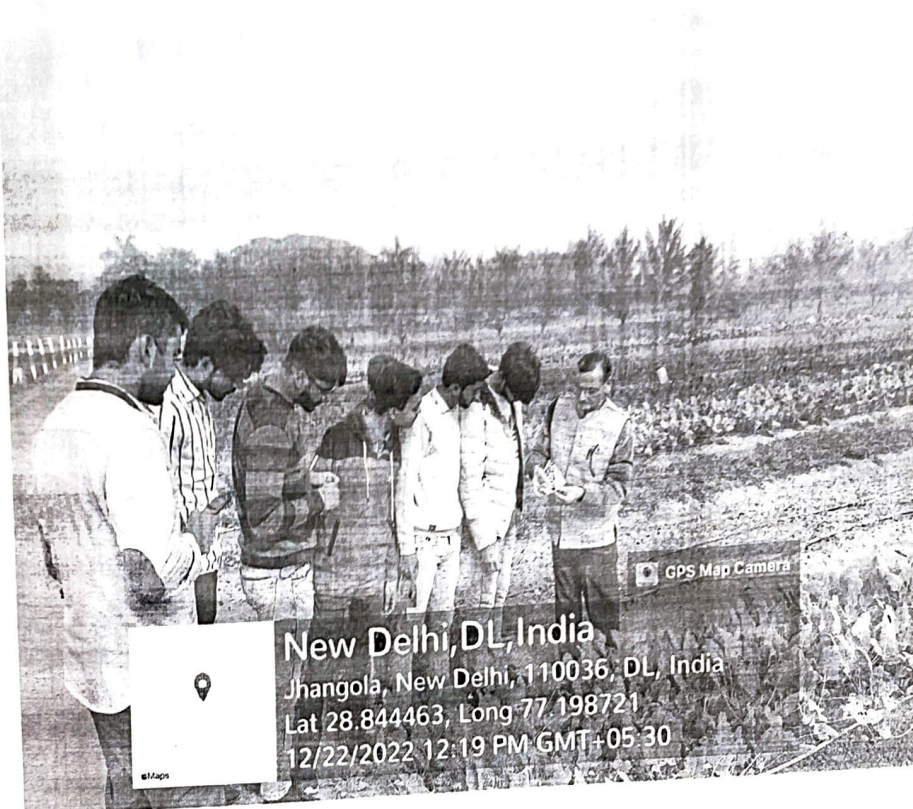
Appendix includes Geo-Tagged Photographs



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**New Delhi, DL, India**  
Jhangola, New Delhi, 110036, DL, India  
Lat 28.844463, Long 77.198721  
12/22/2022 12:19 PM GMT+05:30

GPS Map Camera



**New Delhi, DL, India**  
Jhangola, New Delhi, 110036, DL, India  
Lat 28.844402, Long 77.199023  
12/22/2022 12:33 PM GMT+05:30

GPS Map Camera

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Name of Activity: Field Project on hands on collection of insects, soil & water samples under MOB with Kinder Poly farms

Date: 22/12/2022

Venue: The Kinder Poly farms, Palla, Bahhtawarpur, Alipur, Delhi - 110036

Organized by: SOAS

### ATTENDANCE RECORD

S. No.	Roll No.	Student Name	Programme & Semester	Signature of Student
1	2013820006	Ashish	B.Sc Agri 5 <sup>th</sup> Sem	
2	2013820009	Aamir Khan	"	
3	2013820004	Harish	"	
4	2113820010	Dishant	BSC Agri II <sup>nd</sup> Sem	
5	2113820022	Rihon	"	
6	2113820016	Gaurav	"	
7	2113820012	Bijender	"	
8	2113820014	Yogesh	"	
9	2213820016	Divesh	Bsc (HNS) I	
10				
11				
12				
13				
15				

Signature of Incharge [With Date]

Vijay Kumar  
22/12/22

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Signature of Dean [With Date]