

# Criterion - 7

## Institutional Values and Best Practices

NAAC- SSR (2<sup>nd</sup> Cycle)



# ETERNAL UNIVERSITY

BARU SAHIB, SIRMOUR-173101  
HIMACHAL PRADESH

# 7.3.1(1)

## Lab to land programs



**ETERNAL UNIVERSITY**

BARU SAHIB, SIRMOUR-173101  
HIMACHAL PRADESH



# 1<sup>st</sup> Farmer's Training

## NABARD sponsored 5 days On-Campus Training Program



5-days training program was organised at the premises of Eternal University under the NABARD sponsored project entitled “Integrated Farming System with Allied Sectors for Socio-economic Upliftment of Rural Farmer Families of Himachal Pradesh”. In this program demonstration was given to the farmers on Integrated Farming Model (IFS) at University farm. IFS represent an appropriate combination of farm enterprises. The waste material of one enterprise is used as input for the productive functioning of other enterprise. This is an effective strategy in raising incomes, generating employment and alleviating poverty among small and marginal farmers. The training was given on enterprises as dairy farming, vermicomposting, silage making, horticultural/agricultural farming, food processing and water harvesting. It will impart awareness and new learnings to the local farmers of this area. These trainings were for 05 days with 40 participants and also including one day exposure visit to UHF, Nauni.

**Day 1** encompassed the inaugural session and was held on 7 September, 2021. The programme began with registration of the farmers. Dr Neelam Thakur, Assistant Professor, Department of Zoology gave the welcome address with a brief introduction to the project and IFS model. The

advantage of the IFS model was discussed in the opening session with emphasis on the 6 enterprises- dairy farming, vermicomposting, silage making, horticultural/agricultural farming, food processing and water harvesting. A detailed plan of the lectures and practical training to be conducted in the upcoming days was also discussed.

**Day 2-** The first lecture was delivered by Dr. Krishan Kumar (Associate Professor, Food Technology) on Dairy farming. It was an introductory lecture to dairy farming which included the subsidies given by government, different breeds of cow, varied milking techniques and equipment, diseases in the animals and their management. After the lecture various questions were put on by the farmers regarding the breeds of cow and milking problems. The second lecture was given by Dr. Sushma Sharma (Assistant Professor, Plant Pathology) on the different crops (Horticultural/Agricultural) which can be grown near the IFS model and their pest management. The lecture gave insights to the different diseases of five main crops of the area- tomato, potato, peas, ginger and beans. Also suggestions were given to the farmers for the successful management of these diseases in their fields. The lecture was highly applauded by the farmers and many questions related to different diseases in the crop were asked. After the lunch there was field visit to the established IFS models in the University. The first model was dairy farming –Akal Modern Dairy. In this the different breeds of cows were shown to the farmers and the milking technique through the vacuum pump was shown. The farmers were given practical trainings for milking techniques. The next model was Silage unit- in this the process of making silage and use of chaffer cutter was demonstrated by Dr. Neelam Thakur and Dr. Mahesh Tripathi and the already prepared silage using oats was shown to the farmers. The last model for the day was Vermicomposting unit- in which the established vermicompost unit was shown. The process of making vermicompost was practically shown to the farmers by the experts and their queries were answered by Dr. Neelam Thakur and Dr. Priyanka Thakur

**Day 3-** On this day first session included lecture on food processing and practical hands on training in food processing unit of the University. The farmers were taught to make tomato puree, apple jam, puff corns, cake, noodles and pasta by the experts from Department of Food Technology. The farmers had thoroughly enjoyed the process and had asked several questions related to food processing and packaging. In the evening session practical hands on training of silage making was given to the farmers by Dr. Neelam Thakur. This session was particularly demanded by the farmers after visiting the silage unit the day before.

**Day 4-** There was an exposure visit to Dr. Y. S. Parmar University, Nauni. The 40 participants were accompanied by Dr. Neelam Thakur, Dr. Praneet Chauhan and Rupinder Kaur, Ex-gram Pradhan. At the Nauni University different Departments of Horticulture and Floriculture were shown to the farmers. Dr. Rashmi Negi Extension Officer at UHF Nauni received the farmers at 10:30 am, after that farmer visited Vegetable Science (fields) near the University Gate. Dr. Kuldeep Thakur, Professor Vegetable Science, acquainted the farmers about the importance of crop rotation and how to grow the tomato nursery in healthy beds. Dr. Rashmi Negi made the farmers familiar with different varieties of field, indoor and outdoor flowers. Dr. Bharti Kashyap, Associate Professor, Floriculture and Landscaping gave information on value-addition in dry flowers and how to link farmers to the market. After lunch Dr. Pancy Thakur, Assistant Professor, Forestry, manifested Herbal garden at UHF Nauni and imparted knowledge regarding locally available medicinal plant



to the farmers. Dr. Vishal Rana, Professor, Fruit Science, demonstrated Kiwi fruit orchard to the farmers and also conveyed information related to spacing, pruning, training system and varieties of Kiwi.

**Day 5-** The day began with the lectures on Rainwater Harvesting by Dr. Mahesh Tripathi followed by Dr. Priyanka Thakur and Dr. Praneet Chauhan. The last lecture was delivered by Dr. Neelam Thakur on the IFS model. After the lectures the valedictory functions begun. The chief guest for the function was **Mrs. Sonakshi Singh Tomar, ADC Nahan**. The dignitaries present on the stage were Hon'able Vice Chancellor Dr. Davinder Singh, Hon'able Pro Vice Chancellor Prof A.S. Ahluwalia, Dean of Research, Dr. N. P. Singh, Dr. Kanwaljit Kaur Ahluwalia, Rupinder Kaur, Ex Gram Pradhan and Dr. Neelam Thakur, Principal Investigator (PI) of the project. The ceremony was commenced with the welcome of Chief Guest with memento by Hon Vice Chancellor Dr. Davinder Singh. The recap and summary of the events was given by Dr. Neelam Thakur, PI of the project. In the welcome address by Hon Pro Vice Chancellor Prof A. S. Ahluwalia encouraged the farmers to utilize the new developments of research in enhancing their means of livelihood. Also he announced a cash prize of rupees 10,000/- for the "Farmer of the Year Award" to those who would opt sustainable method and perform well according to certain criteria given by the experts. The chief guest in her address to the farmers she talked about the importance of food processing and raised concerns over the deteriorating environment. Also she praised such training programs as these help in women empowerment and sustainability goals. In the closing remarks Hon'able Vice Chancellor thanked the farmers and gave the assurance of helping them with IFS models whenever needed. The feedback was also recorded from the farmers and in this regards the Ex BDC of the area Mr. Sajan Singh expressed his gratitude towards the Kalgidhar Trust and University for their efforts made in the direction of upliftment of farmers. Also Mrs. Anjana Kumari, another participant applauded the training program for imparting knowledge pertaining to different techniques of IFS model. She stated these programs will be help in enhancing their means of livelihood as well as in the women empowerment. This programme was sponsored by National Agriculture Bank for Rural Development (NABARD) Shimla Himachal Pradesh. This programme was convened under the dynamic coordinatorship of Dr. Neelam Thakur Assistant Professor and Head, Department of Zoology, Eternal University Baru Sahib. Other Coordinators of this programme include Dr. Priyanka Thakur (Entomology), Dr. Mahesh Tripathi (Agricultural Engineering) and Dr. Krishan Kumar (Food Technology).







# 2nd Farmer's Training

## NABARD sponsored 5 days On-Campus Training Program



5-days training program was organised at the premises of Eternal University under the NABARD sponsored project entitled “Integrated Farming System with Allied Sectors for Socio-economic Upliftment of Rural Farmer Families of Himachal Pradesh”. In this program demonstration was given to the farmers on Integrated Farming Model (IFS) at University farm. IFS represent an appropriate combination of farm enterprises. The waste material of one enterprise is used as input for the productive functioning of other enterprise. This is an effective strategy in raising incomes, generating employment and alleviating poverty among small and marginal farmers. The training was given on enterprises as dairy farming, vermicomposting, silage making, horticultural/agricultural farming, food processing and water harvesting. It will impart awareness and new learnings to the local farmers of this area. These trainings were for 05 days with 40 participants and also including one day exposure visit to UHF, Nauli.

**The day 1** encompassed the inaugural session and was held on 4th October, 2021. The programme began with registration of the farmers. Dr Neelam Thakur, Assistant Professor, Department of Zoology gave the welcome address with a brief introduction to the project and IFS model. The advantage of the IFS model was discussed in the opening session with emphasis on the 6 enterprises- dairy farming, vermicomposting, silage making, horticultural/agricultural farming, food processing and water harvesting. A detailed plan of the lectures and practical training to be conducted in the upcoming days was also discussed.

**Day 2-** The first lecture was delivered by Dr. Krishan Kumar (Associate Professor, Food Technology) on Dairy farming. It was an introductory lecture to dairy farming which included the subsidiaries given by government, different breeds of cow, varied milking techniques and equipment, diseases in the animals and their management. After the lecture various questions were



put on by the farmers regarding the breeds of cow and milking problems. The second lecture was given by Dr. Priyanka Thakur (Assistant Professor, Entomology) on the different crops (Horticultural/Agricultural) which can be grown near the IFS model and their pest management. After the lunch there was field visit to the established IFS models in the University. The first model was dairy farming –Akal Modern Dairy. In this the different breeds of cows were shown to the farmers and the milking technique through the vacuum pump was shown. The farmers were given practical trainings for milking techniques. The next model was Silage unit- in this the process of making silage and use of chaffer cutter was demonstrated by Dr. Neelam Thakur and Dr. Mahesh Tripathi and the already prepared silage using oats was shown to the farmers. The last model for the day was Vermicomposting unit- in which the established vermicompost unit was shown. The process of making vermicompost was practically shown to the farmers by the experts and their queries were answered by Dr. Neelam Thakur.

**Day 3-** On this day first session included lecture on food processing and practical hands on training in food processing unit of the University. The farmers were taught to make tomato puree, apple jam, puff corns, cake, noodles and pasta by the experts from Department of Food Technology. The farmers had thoroughly enjoyed the process and had asked several questions related to food processing and packaging.

**Day 4-** There was an exposure visit to Dr. Y. S. Parmar University, Nauni. The 40 participant were accompanied by Dr. Neelam Thakur and Dr. Mahesh Tripathi. At the Nauni University different Departments of Horticulture and Floriculture were shown to the farmers. Dr. Rashmi Negi Extension Officer at UHF Nauni received the farmers at 10:30 am, after that farmer visited Vegetable Science (fields) near the University Gate. Dr. Kuldeep Thakur, Professor Vegetable Science, acquainted the farmers about the importance of crop rotation and how to grow the tomato nursery in healthy beds. Dr. Rashmi Negi made the farmers familiar with different varieties of field, indoor and outdoor flowers. Dr. Bharti Kashyap, Associate Professor, Floriculture and Landscaping gave information on value-addition in dry flowers and how to link farmers to the market. After lunch Dr. Sunil Kumar, Assistant Professor, Forestry, manifested Herbal garden at UHF Nauni and imparted knowledge regarding locally available medicinal plant to the farmers. Dr. Gopal Singh, Professor, Fruit Science, demonstrated Kiwi fruit orchard to the farmers and also conveyed information related to spacing, pruning, training system and varieties of Kiwi.

**Day 5-** The day began with the lectures on Rainwater Harvesting by Dr. Mahesh Tripathi. The last lecture was delivered by Dr. Neelam Thakur on the IFS model. After the lectures the valedictory functions begun. The chief guest for the function was Mr. Gaurav Sharma, District Development Manager (DDM) Sirmour, NABARD accompanied by Dr. Yash Paul Sharma Chief functionary officer of “Association of Rural Activities and Voluntary Action for Literary Information Aravali” (NGO). The dignitaries present on the stage were Hon’able Pro Vice Chancellor Prof A.S. Ahluwalia, Dr. Neelam Thakur, Principal Investigator (PI), Dr. Krishan Kumar, Co-Principal Investigator of the project. The ceremony was commenced with the welcome of Chief Guest with memento by Hon Pro Vice Chancellor Prof A. S. Ahluwalia and he also thanked the farmers and gave the assurance of helping them with IFS models whenever needed. The recap and summary of the events was given by Dr. Neelam Thakur, PI of the project and encouraged the farmers to utilize the new developments of research in enhancing their means of livelihood. The chief guest in his address to the farmers talked about the importance of IFS model and about other schemes launched

by NABARD for the upliftment of farmers. The feedback was also recorded from the farmers and in this regards they expressed their gratitude towards the University for their efforts made in the direction of upliftment of farmers. This programme was sponsored by National Agriculture Bank for Rural Development (NABARD) Shimla Himachal Pradesh. This programme was convened under the dynamic coordinatorship of Dr. Neelam Thakur Assistant Professor and Head, Department of Zoology, Eternal University Baru Sahib. Other Coordinators of this programme include Dr. Priyanka Thakur (Entomology), Dr. Mahesh Tripathi (Agricultural Engineering) and Dr. Krishan Kumar (Food Technology).







## 3rd NABARD sponsored 5 days on-campus training program



5-days training program was organised at the premises of Eternal University under the NABARD sponsored project entitled “Integrated Farming System with Allied Sectors for Socio-economic upliftment of Rural Farmer Families of Himachal Pradesh”. In this program demonstration was given to the farmers on Integrated Farming Model (IFS) at University farm. IFS represent an appropriate combination of farm enterprises. The waste material of one enterprise is used as input for the productive functioning of other enterprise. This is an effective strategy in raising incomes, generating employment and alleviating poverty among small and marginal farmers. The training was given on enterprises as dairy farming, vermin-composting, silage making, horticultural/agricultural farming, food processing and water harvesting. It will impart awareness and new learnings to the local farmers of this area. These trainings were for 05 days with 40 participants and also including one day exposure visit to Krishi Vigyan Kendra, Kandaghat.











# 4th NABARD sponsored 5 days on-campus training program



The inaugural session was held on 30 th May, 2022. The programme began with registration of the farmers. Dr. Neelam Thakur, Assistant Professor, gave the welcome address with a brief introduction to the project and IFS model. The advantage of the IFS model was discussed in the opening session with emphasis on the 6 enterprises- dairy farming, vermicomposting, silage making, horticultural/agricultural farming, food processing and water harvesting. A detailed plan of the lectures and practical training to be conducted in the upcoming days was also discussed. On the same day field visit was organised to Horticultural/Agricultural farms which was near the IFS model and their pest management techniques (bio-control methods) were discussed with the farmers. The demonstration was given on main crops of this area like tomato and beans. Solutions or suggestions were given to the farmers for the successful management of insects, nematodes and pathogens in their fields. This was highly applauded by the farmers and many questions related to different pests in the crop were asked. These trainings



were for 05 days with 40 participants and also including one day exposure visit to Krishi Vigyan Kendra, Kandaghat.





# 5th NABARD sponsored 5 days on-campus training program



The inaugural session was held on 07 th June, 2022. The programme began with registration of the farmers. Dr. Neelam Thakur, Assistant Professor, gave the welcome address and with a brief introduction to the project and IFS model. The lectures on water harvesting was given by Dr. Mahesh Tripathi followed Dr. Praneet Chauhan. At the 5 th day in the valedictory functions the Chief Guest for the function was Prof. (Dr.) Amrik Singh Ahluwalia, Pro-Vice Chancellor, Eternal University, Baru Sahib Sirmour, Himachal Pradesh. The dignitaries present on the stage were Dr. Sandeepan Gupta Dean (ACBS), Dr. Kanwaljit Kaur Ahluwalia and Dr. Neelam Thakur, Principal Investigator (PI) of the project. The ceremony was commenced with the welcome of Chief Guest with memento by Dr. Neelam Thakur. In the closing remarks Dr. Neelam Thakur thanked the farmers and gave the assurance of helping them with IFS models whenever needed. Many participants applauded the training program for imparting knowledge pertaining to different techniques of IFS model. They stated these programs will be helpful in enhancing their means of livelihood as well as in the women empowerment. This programme was sponsored by National Agriculture Bank for Rural Development (NABARD) Shimla Himachal Pradesh. This 05 days programme was convened under the dynamic co- ordinatorship of Dr. Neelam Thakur Assistant Professor and Head, Department of Zoology, Eternal University Baru Sahib. Other Coordinators of this



programme include Dr. Priyanka Thakur (Entomology), Dr. Mahesh Tripathi (Agricultural Engineering) and Dr. Krishan Kumar (Food Technology).







## Farmer's Training Programme

30<sup>th</sup> May – 3<sup>rd</sup> June, 2022  
on



**Integrated Farming System with Allied Sectors for  
Socio-economic Upliftment of Rural Farmer Families of  
Himachal Pradesh**

Sponsored by

National Bank for Agriculture and Rural Development (NABARD)

Organized by

Dr. Khem Singh Gill Akal College of Agriculture  
&

Department of Zoology, Akal College of Basic Sciences  
Eternal University, Baru Sahib, Sirmour, Himachal Pradesh

Eternal University, Baru Sahib

Via Rajgarh, Distt. Sirmour, Himachal Pradesh - 173101 (INDIA)  
E- mail: [neelamthakur@eternaluniversity.edu.in](mailto:neelamthakur@eternaluniversity.edu.in) Mob. 8351871241



# INVITATION

On the behalf of the Organizing Committee you are invited to participate in the workshop on **“To study facilitating demonstration on new storage technology to minimize ginger & garlic storage losses in Himachal Pradesh”** on 28<sup>th</sup> April 2022 at 10:00 am at University Auditorium, Eternal University, Baru Sahib.

## SPONSORED BY

National Bank for Agriculture and Rural Development (NABARD)

&

Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH

## ORGANIZED BY

Department of Plant Pathology  
Dr. Khem Singh Gill Akal College of Agriculture  
Eternal University, Baru Sahib (H.P.)

Via Rajgarh, Distt. Sirmour, Himachal Pradesh - 173101 (INDIA)  
E- mail: [sushma@eternaluniversity.edu.in](mailto:sushma@eternaluniversity.edu.in) Mob. 8219229485





**ETERNAL UNIVERSITY  
BARU SAHIB,  
SIRMOUR- 173101  
HIMACHAL PRADESH, INDIA**

**2-Days on-campus workshop program for farmers at Eternal University, Baru Sahib  
(April 28-April 29, 2022)**

<b>Day</b>	<b>Event</b>	<b>Time</b>	<b>Venue</b>
<b>Day 1</b>	<b>Arrival and registration of the farmers</b>	9:00-10:00am	Reception, Eternal University
	<b>Inaugural session</b>	10:00-12:00am	Auditorium, Eternal University
	Welcome of farmers	10:00-10:15am	
	Welcome address by Hon Pro -Vice Chancellor, Eternal University	10:15-10:20am	
	Speech of Chief Guest	10:20-10:30am	
	Welcome and summary of events by Dr Sushma Sharma	10:30-10:45am	
	Address by Dean Dr. Khem Singh Gill Akal College of Agriculture	10:45-11:00am	
	Vote of thanks- Dr Neelam Thakur	11:00-11:15am	
	Tea Break	11:15-11:45am	
	<b>Lecture-1</b> Demonstration on new storage technology to minimize ginger & garlic storage losses in Himachal Pradesh by Dr Sushma Sharma	11:45-1:00pm	
	Lunch	1:00-2:00pm	
	<b>Visit to Bamboo storage unit established at University</b>	2:00-4:30pm	
	<b>Tea Break</b>	4:30-5:00pm	
	<b>Dinner</b>	7:30-9:00 pm	
<b>Day 2</b>	Recap and attendance	9:00-9:15am	Auditorium, Eternal University
	<b>Lecture-2</b> Pest management in Sirmour district of Himachal Pradesh by Dr Priyanka Thakur	9:15-9:45am	

<b>Lecture-3</b> Water harvesting by Dr Mahesh Tripathi	9:45-10:30am	
<b>Tea</b>	10:30-11:15am	
Visit to Water harvesting unit	11:15-1:00 pm	
<b>Lunch</b>	1:00-2:00pm	
Visit to Machher experimental field, Eternal University	2:00-3:30pm	
<b>Tea</b>	3:30-4:00pm	
Recap to 2-day events by Dr Neelam Thakur	4:00-4:30pm	
Address by Hon Pro Vice Chancellor, Eternal University	4:30-4:45pm	
Distribution of Certificates	4:45-5:00pm	
Vote of thanks- Dr Mahesh Tripathi	5:00-5:15pm	
National Anthem		

**ETERNAL UNIVERSITY**  
**BARU SAHIB,**  
**SIRMOUR- 173101**  
**HIMACHAL PRADESH, INDIA**

**Workshop (No Charges)**  
**On**  
**TO STUDY FACILITATING DEMONSTRATION ON NEW STORAGE TECHNOLOGY**  
**TO MINIMIZE GINGER & GARLIC**  
**STORAGE LOSSES IN HIMACHAL PRADESH**

**28<sup>th</sup> - 29<sup>th</sup> APRIL, 2022**

Logos: Eternal University, NABARD, German Cooperation (DEUTSCHE ZUSAMMENARBEIT), GIZ (German Institute for International Cooperation/Vietnam Center for Gender Studies)





# इटरनल विश्वविद्यालय बडू साहिब

सिरमौर- 173101  
हिमाचल प्रदेश, भारत



Implemented by  
giz

## किसान प्रशिक्षण कार्यक्रम (निःशुल्क)

हिमाचल प्रदेश में अदरक और लहसुन में भंडारण के नुकसान को कम करने के लिए नई भंडारण प्रौद्योगिकी पर प्रदर्शन को सुविधाजनक बनाने का अध्ययन करना

28th – 29th अप्रैल, 2021



29/04/2022 18:27



# ETERNAL UNIVERSITY

(WORLD PEACE THROUGH VALUE BASED EDUCATION)

Established under the Himachal Pradesh Government Act No. 3 of 2009. Recognized by UGC, ICAR, AICTE, INC, NCTE, DSIR, DRDO and NAAC Accredited

Ref: EU/VCO/72/37

November 02, 2023

To,

The District Collector  
Sirmaur, Himachal Pradesh

**Subject: Identification of villages under the Unnat Bharat Abhiyan, a flagship program of Ministry of Education, Govt.**

Dear Sir,

Ministry of Education (MoE), Government of India has launched a flagship Program at National level called Unnat Bharat Abhiyan (UBA), with the vision to involve professional and higher educational institutions in the development process of rural areas in the country to achieve sustainable development and better quality of life and experiential learning among students. Indian Institute of Technology Delhi has been designated as the National Coordinating Institute by the Ministry of Education Govt for this program.

Our University Eternal University and U-0182 has agreed to participate in UBA as a Participating Institute (PI).

Dr. Mahesh Prasad Tripathi and contact detail. 8839463167 has been duly authorized in this regard from our side to carry on the activities of UBA in our organization as Project Coordinator.

Under the UBA program every Participating Institute is to connect with a cluster of five villages near by Institution in consultation with the District Administration. This is to bring to your kind notice that we have proposed the following villages:

S. No.	Name of village	Block name	Panchayat Name	District
1.	Lana Bhalta	Pachhad	Lana Bhalta	Sirmour
2.	Lanamiyu	Pachhad	Lana Bhalta	Sirmour
3.	Dimber	Rajgarh	Dimber	Sirmour
4.	Kotla Mangan	Rajgarh	Kathli Bharan	Sirmour
5.	Bagar Dingri	Pachhad	Mangrah	Sirmour

With regards

Your Sincerely

  
(Name and signature, Head of Institute) 3/11

**Vice Chancellor**  
Eternal University  
Baru Sahib (H.P.) 173101  
Copy to UBA IIT Delhi

**BARU SAHIB, VIA RAJGARH, DISTT. SIRMOUR, HIMACHAL PRADESH-173101 (INDIA)**

Tele: 01799-276012, Fax: 01799-276006, Mob: +91-9805098724

E-mail: [contact@eternaluniversity.edu.in](mailto:contact@eternaluniversity.edu.in), Website: [www.eternaluniversity.edu.in](http://www.eternaluniversity.edu.in)



**UNNAT BHARAT ABHIYAN**  
**TECHNOLOGY CUSTOMISATION**

**Title of the Work:**

Low cost bait trap for the management of fruit fly in tomato and other crops.

**Subject:**

Sustainable Agriculture

**Village where it will be implemented:**

Five villages surrounding Eternal University of Sirmaur District of Himachal Pradesh:

1. Lana Machher
2. Lana Marag
3. Lana Bhalta
4. NeriNawan
5. Kheri

**Work done till now:**

Tomato, fruits and cucurbits are important cash crops of Sirmour district. Fruit flies causing huge economic losses to the tune of 35 – 80% in different areas. Annual losses due to fruit flies in India are estimated at around Rs. 6000 crores. Existing recommendations fail to target the adults, eggs and the developing maggots apart from high residual toxicity of pesticides. A localized bottle trap is developed by Eternal University, Barusahib (HP) using a combination of fruit fly para pheromones for attracting male adults for effective and eco-friendly management of this dreaded pest. The bottle trap is made of waste plastic bottles.

**Field trial:**

The low cost bait trap for the management of fruit fly in tomato and other crops has been installed in tomato crop for field trial in the University. After the field trial by the university, these traps were supplied to the farmers free of cost in these villages. Once farmers were convinced of the efficacy of these traps, the method for fabricating these traps was also taught to the local farmers of these five villages mentioned above.



**Low cost fruit fly trap installed in tomato field**



**Fruit fly maggots in cucumber**



**Fruit fly collected in the field trial of the low cost bait trap**



**Final Report on Unnat Bharat Abhiyan (UBA) sponsored on-campus training program on project entitled “Developing beekeeping as a sustainable livelihood in rural communities”**

Training programs were organised at the premises of Eternal University under the UBA sponsored project entitled “**Developing beekeeping as a sustainable livelihood in rural communities**”. In this program, demonstrations were given to the farmers on Bee keeping at University Apiary. Bee keeping represents an appropriate combination of farm enterprises in rural areas. This is an effective strategy in raising incomes, generating employment and alleviating poverty among small and marginal farmers. Training to the farmers was also given on the uses of different bee’s products (honey, beeswax, propolis, royal jelly and bee venom). It will impart awareness and new learnings to the local farmers of this area. These trainings were for 01 day, five times throughout the year with 30 participants from Lana Marag, Lana Bhalta and Kheri and this also including exposure visit to UHF, Nauni.

The programme began with registration of the farmers. Dr Priyanka Thakur, Assistant Professor, Department of Entomology gave the welcome address with a brief introduction to the project and apiary unit. The advantages of the apiary unit were discussed in the opening session with emphasis on bee-keeping practices. A detailed plan of the lectures and practical training to be conducted was also discussed per training.



**Subsurface drip irrigation and conservation agriculture in Himachal Pradesh**

**Submitted by**



**Dr. Mahesh Tripathi**

**Eternal University, Baru Sahib**

**Sirmour, Himachal Pradesh- 173101**





Performance of brinjal crop at chhapang village under subsurface drip irrigation with straw mulching



Performance of Chili crop at chhapang village under subsurface drip irrigation with straw mulching



Performance of tomato crop at chhapang village under subsurface drip irrigation with straw mulching



Performance of tomato crop at chhapang village under subsurface drip irrigation with straw mulching





Scientist delivering about importance of subsurface drip irrigation



Group photo with farmers after Unnat Bharat Abhiyan activity



# Kisan Mela-2019



The Akal College of Agriculture, Eternal University organized the annual 4th Kisan Mela on April 14, 2019. Hon'ble Sh. Rakesh Kanwar (IAS), Director-cum- Ex-Officio-Spl. Secretary, Panchayati Raj Department, Govt. of Himachal Pradesh was the Chief Guest of the occasion. During the Kisan Mela, more than 25 exhibits/stalls were displayed by university departments as well as by state departments, pesticides companies, book depot, agri-implements firms etc. Local farmers and various distinguished guests from nearby states enthusiastically participated in various activities during the event. A fresh produce competition was also held and the farmers having the best fresh produces were awarded by the Chief Guest. Dr. H. S. Dhaliwal, Worthy Vice Chancellor and Dr. B. S. Boparai, Dean, Akal College of Agriculture congratulated the awardee and appreciated the efforts of farmer community, officials of state departments, faculty & staff members, local organizing



Eternal University

< > ⋮ ✕

Eternal University | Kisan Mela-2019

Visit >





Eternal University

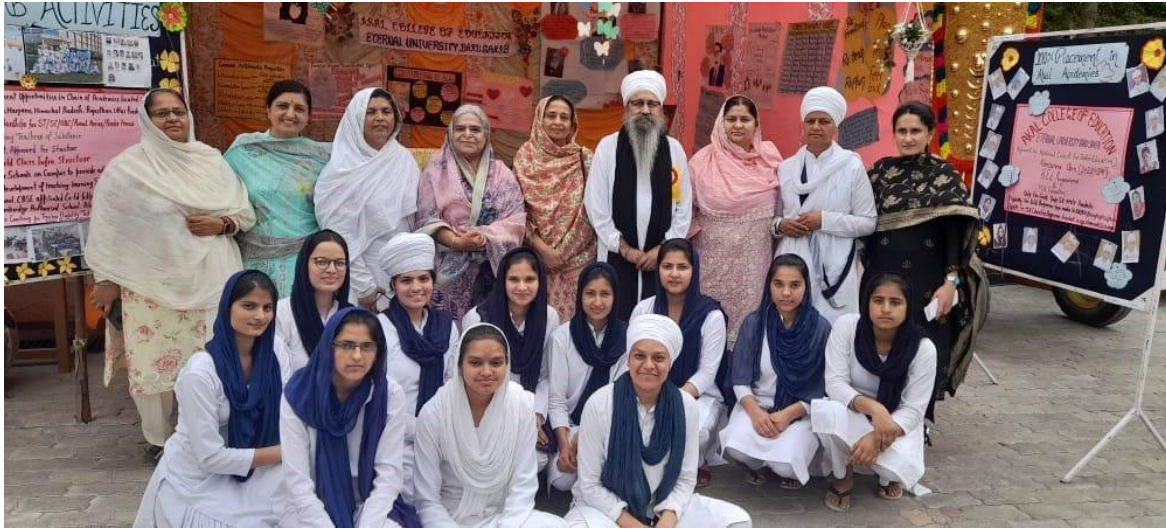


1,200 x 800

Eternal University | Kisan Mela-2019

Visit >



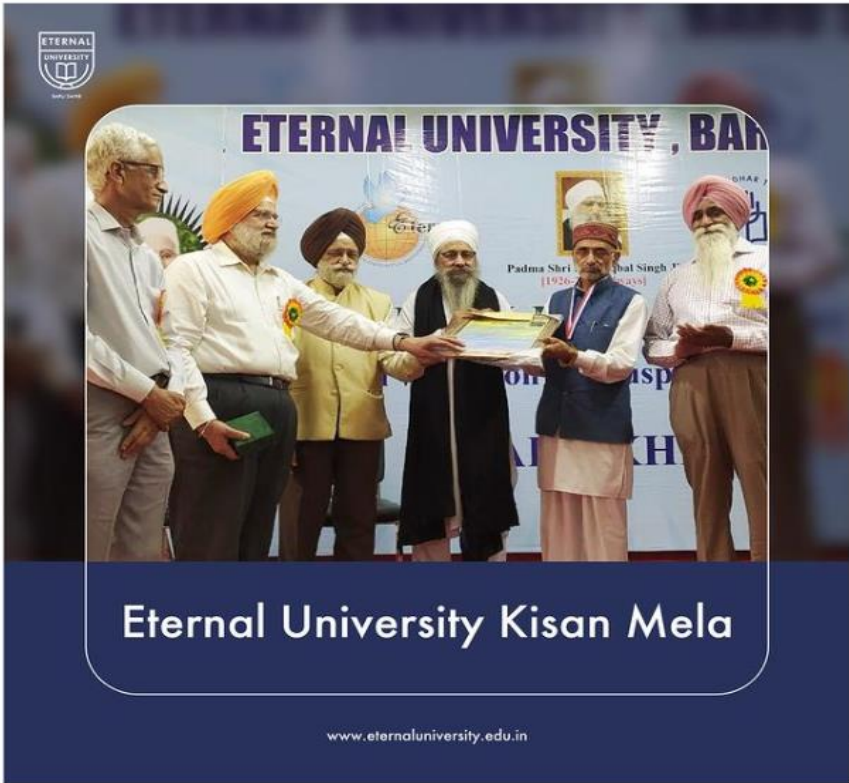


## Baisakhi Celebration & Kisan Mela-2022

Baisakhi marks the sikh new year and commemorates the information of khalsa panth of warriors under Guru Govind Singh Ji in 1699. Baisakhi is one of the most important dates in the sikh calendar. Baisakhi was celebrated at Barusahib with full devotion. Akal College of Education girls exhibited their Gatka skills. Nagar Kirtan was held on 13th April, 2022 in which all the students of the ACE joined the other residents of Baru sahib in the procession







## Eternal University Kisan Mela

[www.eternaluniversity.edu.in](http://www.eternaluniversity.edu.in)

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barusahib Eternal University Kisan Mela

Eternal University celebrated Baisakhi this year with a Kisan Mela, which had a great turnout of farmers.

This Kisan Mela was organized by the Khem Singh College of Agriculture, Eternal University.

The event began with the holy procession of Guru Granth Sahib Ji and Nagar Kirtan—followed by a large gathering and a Langar.

At the Inaugural Function, Vice-Chancellor & President of The Kalgidhar Trust, Baru Sahib, Dr. Davinder Singh, and Pro-Vice-Chancellor Prof. Amrik Singh Akhanda welcomed the Chief Guest.

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## **Kisan Mela at Eternal University: Empowering Farmers with Technology**

Agricultural research and development plays a pivotal role in enhancing the quantity and quality of farm products. However, the true benefits of these advancements are realized when they are accessible to the farming community. With this objective in mind, a Kisan Mela is organized by Eternal University.

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## About the Organizers

[Dr. Khem Singh Gill Akal College of Agriculture](#) at Eternal University, conducts extensive research at experimental farms and laboratories. These innovations are aimed at benefiting the farming community.

With the support of ‘Sikhs in Sewa of Humanity’, Eternal University hosted the Kisan Mela 2023.

The Kisan Mela took place at [Eternal University, Baru Sahib](#). The event showcased various extension agencies such as [Krishi Vigyan Kendra](#) and Farm Advisory Service Scheme (FASS), working to disseminate the latest agricultural technology to farmers.

## The Need for Such a Kisan Mela

Kisan Melas provides a platform for farmers to showcase their produce, learn about new farming techniques, and interact with experts in the field. It facilitated connections with buyers, suppliers, and other stakeholders in the industry. Given the crucial role of agriculture in our lives, regular Kisan Melas are essential to provide farmers with the necessary resources to enhance their businesses and contribute to the overall development of the country.



## Objectives of Kisan Mela

The primary objective was to provide farmers with a platform to get answers to all their queries and seek expert advice. The Kisan Mela also aimed to inspire farmers to adopt cutting-edge agricultural practices that could enhance their output and profitability. Additionally, it sought to encourage competition and promote value-based agri-products among farmers.

## Exciting Events and Activities at the Kisan Mela

The Kisan Mela featured several events and activities to help farmers learn about the latest agricultural technology. These included seed sale at subsidized rates, agro-industrial exhibitions, visits to agri-farms and crop museums, food processing and agri-farm equipment demonstrations, and promotion of organic farming/natural farming. Furthermore, solutions for grain storage and cooling systems for fruit and vegetable respiration were provided.



## Attractive Features at the Kisan Mela



Various attractive features at the Kisan Mela included banks personnel available to solve queries for loan applications, stalls by various departments of Eternal University and the state department of agriculture, produce competition for farmers, transportation facilities for local farmers, meals for farmers and department employees, display of pesticides/insecticides by leading companies, discounts on herbicides, insecticides, and fungicides for farmers, honorarium to officials and field personnel, and consolation gifts to various participating departments. Additionally, Dabur India supported the event and Vaisakhi celebrations by distributing nutritional juices for all participants.

The Eternal University Kisan Mela provided an excellent platform for farmers to learn about the latest agricultural technologies and improve their skills. It ensured that agricultural technology was accessible and valuable to the farming community.

### PHOTOS SHOWING THE ACTIVITIES OF THE COLLEGE



Honourable Vice Chancellor welcoming Chairperson Peer Review Team ICAR



Peer Review Team Members interacting with university officers and students



Group photograph with farmers in a training camp



Students in the practical class



A view of the college Museum



6 Chief Guest Kisan Mela interacting with Dean, Dr. Khem Singh Gill Akal College of Agriculture