



Report on University as a body provides training to local farmers and food producers to improve sustainable farming practices

Contents

Title of the event	Date of the event	Venue	Major Highlights	Evidence details
Training for farmers about Nano fertilizers in Aligarh, U.P.	15 December 2023	Aligarh district	<ol style="list-style-type: none">1. Overview of what nano fertilizers are, their composition, and how they differ from traditional fertilizers.2. Explanation of how nano fertilizers enhance nutrient uptake, reduce wastage, improve crop yield, and contribute to sustainable farming practices.3. Insights into how nano fertilizers impact soil health positively and enhance the nutritional quality of the crops.4. With lower quantities of nano fertilizers needed and less chemical buildup, soil structure and microbial health can improve, supporting better crop growth over multiple seasons.5. Crops treated with nano fertilizers often have higher nutritional quality, which can help farmers achieve better market prices and consumer demand.	Annexure 1

<p>Training on Innovative farm technologies with Farmer's Producer Organizations (FPOs) in the Aligarh district.</p>	<p>28th February 2023</p>	<p>Aligarh district</p>	<ol style="list-style-type: none"> 1. Overview of new tools and techniques, including nano fertilizers, precision farming technologies, and mobile-based applications for better farm management. 2. Guidance on value addition techniques and product diversification to boost FPOs' competitive edge, helping farmers achieve higher profits. 3. Facilitating connections between FPOs and potential buyers, suppliers, and government officials for partnerships and collaborations. 4. By learning about and adopting innovative technologies like nano fertilizers and precision farming tools, farmers can optimize input use, leading to higher crop yields and better-quality produce. 	<p>Annexure 2</p>
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Training on plantation drive to protect the environment for farmers in Farmer Producer Organization (FPO), Tanda Block, Ambedkar Nagar District	March 21, 2023	Ambedkar Nagar	<p>1. Tree plantations contribute to soil conservation, water retention, carbon sequestration, and temperature regulation, leading to improved crop yields and resilience to climate change.</p> <p>2. Training on integrating tree planting within agricultural land (agroforestry) to enhance productivity, protect crops, and reduce dependency on chemical inputs.</p> <p>3. Farmers can work collectively within the FPO to plant and maintain trees, reducing individual workload and fostering a sense of shared responsibility.</p>	Annexure 3
‘Know Your Millets’	23rd January 2023	F1, Seminar Hall, Amity University, Noida (U.P.)	Role and importance of Millets in food security and nutrition & sustainability.	Annexure 4
Organized one day workshop “Vigyan, Anusandhaan Aur Jagruk Kisan Milkar Karen Uttam Bhavishya Ka Nirmaan” Dissemination of safe & cost effective IPM technologies for combating soil borne pathogens.	February 13, 2023	Amity University Lucknow Campus	<p>During the scientific sessions, experts provided valuable insights into critical aspects such as water conservation, soil-borne diseases management, modern organic farming, and innovative pest management technologies. Their contributions paved the way for a comprehensive understanding of the challenges faced by farmers and the necessary preventive measures to ensure sustainable and fruitful agricultural practices.</p> <p>The workshop concluded with the resounding message, "VIGYAN, ANUSANDHAAN AUR JAGRUK KISAN MILKAR KAREN UTTAM BHAVISHYA KA NIRMAAN" (Science, research, and aware farmers together build a better future). This resonates with Amity's overarching vision of empowering farmers with knowledge and resources to enhance agricultural productivity, ensure environmental sustainability, and improve the socio-economic well-being of communities.</p>	Annexure 5
Amity Youth Fest 2023, PHALMIL,	1st April 2023	Amity University	<p>1. Students showcase creative millet-based recipes, blending traditional and modern culinary techniques, highlighting millets' versatility and nutritional benefits.</p> <p>2. Live cooking demonstrations where participants prepare millet-based dishes in front of a panel, showcasing culinary skills and creative presentation.</p>	Annexure 6

<p>Organized one day workshop for “Skill Development Program on Management of Tropical & Subtropical Fruit Crops”.</p>	<p>July 27, 2023</p>	<p>Amity University Lucknow Campus</p>	<p>Enhanced Skills: The NABARD project farmers and gardening staff demonstrated a noticeable improvement in their gardening techniques, resulting in better landscape maintenance across the campus.</p> <p>The plantation drive added lush greenery to the university campus, improving its aesthetics and providing a conducive environment for academic and recreational activities.</p> <p>The awareness programs instilled a sense of responsibility towards sustainability, leading to reduced water consumption, minimal use of chemical pesticides, and increased composting practices.</p> <p>The introduction of plant species contributed to the promotion of local biodiversity, attracting various birds and insects, and supporting the ecosystem.</p>	<p>Annexure 7</p>
<p>Farmers Training programme on Mustard</p>	<p>23.02.2023</p>	<p>Madawarh, Sikandrabad</p>	<p>Front Line Demonstration on Mustard at Madawarh, Sikandrabad</p>	<p>Annexure 8</p>
<p>Farmers Training programme on Field Pea</p>	<p>14.03.2023</p>	<p>Bilaspur block dankaur</p>	<p>Front Line Demonstration on Field Pea at Bilaspur block dankaur</p>	<p>Annexure 9</p>
<p>Farmers Training programme on Lentil</p>	<p>15.03.2023</p>	<p>Noor pur, Madhiya block Dadri, GB nagar</p>	<p>Front Line Demonstration on Lentil at Noor pur, Madhiya block Dadri, GB nagar</p>	<p>Annexure 10</p>

Farmers Training Programme on Barley	14.03.2023	Jamalpur, block jewar, GB Nagar	Front Line Demonstration on Barley at Jamalpur, block jewar, GB Nagar	Annexure 11
Farmers Training programme on Urad Bean	04.10.2023	Salempur, block jewar, GB Nagar	Front Line Demonstration on Urad Bean at Salempur, block jewar, GB Nagar	Annexure 12
Farmers Training programme on Sesame	10.10.2023	Mohammadpur, Jewar	Front Line Demonstration on Sesame at Mohammadpur, Jewar	Annexure 13
Farmers Training programme on Urad Bean	19.10.2023	Kalonda block Dadri, GB Nagar	Farmers Training programme on Urad Bean at Kalonda block Dadri, GB Nagar	Annexure 14
Farmers Training Programme on Pigeon Pea	03.11.2023	Kanarsa block dankaur, GB Nagar	Front Line Demonstration on Pigeon Pea at Kanarsa block dankaur, GB Nagar	Annexure 15

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Calendar year 2023

Training- 1: Training for farmers about Nano fertilizers in Aligarh, U.P on 15 December 2023.

Training-2: Training on Innovative farm technologies with Farmer's Producer Organizations (FPOs) in the Aligarh district on 28th February 2023.

Training 3: Training on plantation drive to protect the environment for farmers in Farmer Producer Organization (FPO), Tanda Block, Ambedkar Nagar District on March 21, 2023

Training 4: Training on Know your millet on 23rd January 2023

Training 5: Vigyan, Anusandhaan aur Jagruk kisan milkar karen Uttam Bhavishya ka Nirmaan on February 13, 2023

Training 6: Training on fusion recipe from millet from 31st March to 1st April 2023.

Training 7: Training on organic farming to improve food, nutrition and income security for the rural farmers (Year 2023)

Training 8: Training on Management of Tropical & subtropical fruit crops on July 27th,2023

Training 9: Farmers Training programme on Mustard

Training 10: Farmers Training programme on Field Pea

Training 11: Farmers Training programme on Lentil

Training 12: Farmers Training Programme on Barley

Training 13: Farmers Training programme on Urad Bean

Training 14: Farmers Training programme on Sesame

Training 15: Farmers Training programme on Urad Bean

Training 16: Farmers Training Programme on Pigeon Pea

Annexure 1

Organized World Soil Day at KVK Aligarh with support from IFFCO. Training for farmers about Nano fertilizers.

Date of the Event: 15 December 2023

We celebrated World Soil Day at KVK Aligarh with support from IFFCO on role of nanofertilizers in soil and plant health. Also demonstrated spray of nano fertilisers by drone. JDA, DDA, and DAO alongwith KVzk head and three technical experts were the panelist in the meeting. More than 75 farmers from Aligarh district participated . Farmers from two FPOS promoted by Amity University as CBBO. Also participated in. the meeting.





Annexure 2:

Innovative farm technologies with Farmer's Producer Organizations (FPOs) in the Aligarh district.

Date: 28th February 2023



Annexure 3:

Training on plantation drive to protect the environment for farmers in Farmer Producer Organization (FPO), Tanda Block, Ambedkar Nagar District.

Date of the Event: 21 March 2023

Amity University supported Farmer Producer Organization (FPO) in Tanda Block, Ambedkar Nagar District participated in a plantation drive to protect the environment.





Amity Institute of Organic Agriculture

REPORT: 'Know Your Millets'

Name: Know Your Millets

Date: Monday, 23rd January 2023

Time: 2:00 PM onwards

Venue: F1, Seminar Hall, Amity University, Noida (U.P.)

Organized by: The Literary Club, Amity Institute of Organic Agriculture

Topic: Role and importance of Millets in food security and nutrition & sustainability.

Moderators:

Dr Sangeeta Pandey, Joint Coordinator, (Academics and Student Welfare), AIOA

Dr Durgesh Kumar Tripathi, Joint Coordinator (Research and Development), AIOA

List of Esteemed Panel Speakers:

- Mr Morup Namgail (Head Agritech – IFFCO Kisan)
- Mr Phillip Ratnam (Managing Director – HOPE Foods)
- Ms Shubhangi Singh (Founder –Golden Millet)
- Mr Manish Kumar (Entrepreneur- Director, MEMillets and Foods(OPC) Pvt. Ltd

Inauguration and Saraswati Vandana 2:30-3:00 PM

The event inaugurated at 2:30PM, the delegates were invited to the seminar hall and upon their arrival, each of them were greeted with “Tilak and Aarti Ceremony,” post that when the presence was registered at the venue, the Lamp Lighting took place, invoking Maa Saraswati by reciting “Saraswati Vandana,” to bless everyone with wisdom.





Welcome Address & Introductory Remark by Dr Sangeeta Pandey - Joint Coordinator-AIOA 3:00 PM

This marked the beginning of the event. The session took place in two halves, the speakers for the first half were: Ms Shubhangi Singh and Mr Manish Kumar.



Speaker wise discussion points (as per program flow):

Inauguration Ceremony (Brief Introduction): Dr Sangeeta Pandey, Joint Coordinator (Academics and Student Welfare), AIOA inaugurated the event with an opening remark to establish the objective and the purpose of the event which aims to comply with the idea presented by the UN while declaring the year 2023 as ‘International Year of Millets’

First Speaker : **Ms Shubhangi Singh**, is an aspiring entrepreneur working with three established brands in the Millet industry that are: **Golden Millets, Ancient Golden Mill and Fevolution**. She has an inspiring journey from an established Architect to an individual who is wholeheartedly working to promote the uses and its nutritive value. She began as the first speaker in the event and her initial points were to highlight the reasons of food security & safety, poverty, soil erosion and how emerging interest of students in Agricultural studies could bring about a change. She further added about the challenges faced by farmers in growing Millets as a main crop, with her efforts in cognizing farmers about the effective cultivation of Millets. In her address, she also added about the extensive uses of Millets in day-to-day life that includes, Barnyard Millet while fasting.



Second speaker, **Mr Manish Kumar is Director at MEmillets and Food**, with an avid interest in the Millet industry. He began his narration by appreciating Ms Shubhangi on her views about Millets, precisely Sorghum. He further shared about sorghum and differentiated minor and major millets and how the demands have increased. Later in his interaction, he elucidated about sorghum and its usage as a biofuel, and that cultivators should increase the cultivation of millet. Mr Manish Kumar also agreed on the fact that millet has vanished from our plates and that for ages millets were commonly used to feed birds and animals, until the health benefits of these superfoods were known to the world.



Session – II 4:00 – 4:30 PM

Right Tech propositions for Millets- Mr. Morup Namgail

The second half of the discussion was taken forward by third speaker, **Mr. Morup Namgail, Head – Agritech (IFFCO Kisan Suvidha Ltd.)** who shared his expertise in Business - to - Business (B2B) and Software as a Service (SaaS) strategy, Agri-Tech, etc. He addressed his delight to be at the campus of Amity University for the second time as a guest speaker. He started with highlighting a journey from the Green Revolution to how far we have come, an emerging Agriculture state but lacking some integral spaces that needs to be taken care of. The stated problems include, a bridge between farmers and agribusiness which is huge, where the middlemen takes the maximum profit; lack of apt transportation; inability to grow crops; less awareness of schemes etc. He further briefed about the need of Millets and his experience in propagating and urging farmers to cultivate Millets, proceeding with that he added about the transformation of Agriculture industry from Agri1.0 to Agri2.0 to Agri3.0 and how the Agri4.0 could aid the life of farmers with the technological intervention like remote sensing, AI, sensors etc.



4:30-5:15 PM

Importance of Millets and their history- Mr. Philip Ratnam

Moving forward the podium was taken by fourth speaker, **Mr. Philip Ratnam, Managing Director – HOPE Foods**, He started his addressal with a thank you note to the Amity Institute of Organic Agriculture, and then went on to share his views on Millets, why they are proclaimed as ‘superfood’ and took us down history lane. He elucidated the audience about how Millets used to be a staple and to a tragedy it lost its importance. While opining, he went on to describe some major health issues and how they can be avoided by incorporating Millet based products or using millets as one of the ingredients in our daily diet. He explained his journey and experience on how he has been working on millets for more than 10 years.



Poster Competition “KALAKRITI”- Students of AIOA

Post the conclusion of both the sessions, a poster presentation competition was held where the esteemed delegates were requested to rate the displayed posters on a 20 pointer scale. The students while presenting their individual posters explained about the theme to engross the interaction. The delegates also took the moment to question the competitors on their posters and awarded marks on three factors: creativity, relevance and correctness.

Closing Ceremony:

With the conclusion of both the sessions and the poster presentation, Dr Sangeeta Pandey, the Joint Coordinator - Amity Institute felicitated the delegates with a sapling of sacred Tulsi plant and expressed the gratitude on behalf of the entire department and the university to fit the event in their busy schedule.





Winners announcement "KALAKRITI"

The delegates admired the art of Mr Suman Das and with all their collective points, he secured the 1st position. The second position was secured by Mr Mayank Parvana.





Annexure 5:

**“VIGYAN, ANUSANDHAAN AUR JAGRUK KISAN
MILKAR KAREN UTTAM BHAVISHYA KA NIRMAAN”**

One day workshop

On

**“Dissemination of safe & cost effective IPM technologies for combating soil borne
pathogens.”**

Date: February 13, 2023, (11:00 AM onwards)

Organized by:

**Amity Food and Agriculture Foundation,
Amity University Uttar Pradesh, Lucknow**

In association with

Council of Science and Technology, Lucknow (UPCST)

Chief Guest:

1. **Hon’ble Shri Brajesh Pathak Ji**, Deputy Chief Minister and Minister Health and Family Welfare Medical Education UP Govt.

Guest of Honor:

2. **Shri Alok Kumar** IAS, (Director General, UPCST, Lucknow)
3. **Shri Manoj Kumar Singh** IAS, (APC, UP Govt.)

Patrons in chief:

4. **Hon’ble Dr. Ashok K. Chauhan** (Founder President, Ritnand Balved Education Foundation) (RBEF).
5. **Dr. Aseem K. Chauhan** (Chancellor, Amity University Rajasthan; Chairman, Amity University Uttar Pradesh, Lucknow.

Patrons:

1. **Prof. (Dr.) Balvinder Shukla** Vice chancellor, Amity University Uttar Pradesh, Noida
2. **Wg. Cdr. (Dr.) Anil Kumar** (Retd.) Deputy Pro Vice Chancellor, Amity University Uttar Pradesh, Lucknow.

Co-Patrons:

3. **Prof. (Dr.) Qamar Rahman**, Dean Research (S&T) Amity University Lucknow campus
4. **Dr. Nutan Kaushik**, Director General, AFAF, Amity University Uttar Pradesh, Noida

Organizer and Convenor:

1. **Dr. Shalini Singh Visen**, Director & PI, AFAF
Amity University Uttar Pradesh Lucknow Campus

Expert:

1. **Dr. D.K. Srivastava** (Joint Director, UPCST, Lucknow)
2. **Prof. (Dr.) Gopal Singh** (Professor & Joint Director Research, SVBP University, Meerut)
3. **Dr. Manoj Tripathi** (Principal Scientist Agronomy, IISR, Lucknow)
4. **Dr. Rajbir Singh** (Professor Plant Pathology, Gochar Mahavidyalaya, Rampur Maniharan, Saharanpur)
5. **Mr Nalin Rawal** (CEO Dhoom Farm, Greater Noida)
6. **Mr Amit Singh** (Plant Protection Officer RCIPMC, Lucknow)

Amity envisions supporting Indian farmers, especially small and marginal ones, through research, training, and academic efforts at various stages of production, from seed selection, fertilizer/bio fertilizer, irrigation, farmland preparation, integrated pest management, integrated nutrient management, harvest, post-harvest handling and use of simple machinery to eliminate drudgery, transport, processing, and related areas.

The Council of Science and Technology Uttar Pradesh funded the project “**Dissemination of safe & cost effective evolved IPM technologies for combating pest and soil borne diseases**”

of solanaceous crops in Bahraich District of Uttar Pradesh state for uplifting the socio-economic status of poor and marginal growers” in the year 2020. A workshop was organized by AFAF Lucknow with the aim of disseminating the lab-based knowledge and outcome to the farmers belonging to Bahraich with the title, **“Dissemination of safe & cost effective IPM technologies for combating soil borne pathogens”**. The Inaugural session was conducted on 13th and the Chief Guest of the event was Dy. Chief Minister and minister for Family welfare education Uttar Pradesh, Hon’ble Shri **Brajesh Pathak**.

The event was graced by **Shri Manoj Kumar Singh** IAS, (APC, UP Govt.) as the Guest of Honor **Dr. D.K. Srivastava** (Joint Director, UPCST, Lucknow) also accompanied the dignitaries on the dais inclusive of Dy. Pro VC AUUP Lucknow, **Wg. Cdr. (Dr.) Anil Kumar** (Retd.) and **Dr. Shalini Singh Visen**, Director & PI, AFAF, Amity University, Lucknow Campus. The event started with National song “Vande Mataram....” Followed by lighting of lamp as our devotion to the Goddess Saraswati. The Guest dignitaries were welcomed with a token of love and affection as bouquet and shawl. **Dr. Shalini Singh Visen, apprised the audience with the detailed report on the project conducted with the Bahraich district farmers and the objectives achieved at the ground level were assisted with the pictures.**

Shri Brajesh Pathak ji emphasized on the upliftment of the farmers through IPM technology and assured his services to the Amity University in bringing up the socioeconomic status of the farmers. He emphasized on limited usage of chemical fertilizers and switching to organic farming or natural farming methods for saving our mother earth.

Shri Manoj K. Singh ji shared the Govt. policies with the audience and appreciated the efforts of the university. In his presentation he showed the crops grown in Uttar Pradesh and is at the top.

Dr. DK Srivastava applauded Dr. Shalini Singh visen, PI of the project for putting immense efforts in bringing the lab work to the field. He informed the audience about the status of adjoining demographic distribution and problems faced by the farmers in their fields due to climatic changes and long term usage of the chemical fertilizers. He also gave an overview on the topic of interest for the Govt. to get the projects funded.

Dr. Shalini Singh Visen and **Mr. Ashish Dixit**, along with the scholars showcased their security model for agriculture farm based on solar energy utilization synergized with GSM technology in the atrium, which was well appreciated by the Dy. CM. As a token of gratitude all the dignitaries and attendee along with the coordinators were thanked for their immense

efforts for smooth conduct of the Inaugural session. The event culminated with chanting our National Anthem followed by lunch for all.

The scientific session started post lunch with the eminent speakers from different disciplines to ignite the organic practices and apprise the benefits of IPM technology to the farmers. **Dr. Manoj Tripathi**, Principal scientist, IISR, Lucknow gave an insight into the topic, “Methods of water conservation and water management in agricultural crops”. **Dr. Rajbir Singh**, Professor Plant Pathology, Gochar Mahavidyalaya, Rampur Maniharan, Saharanpur briefed on the topic, “Important soil borne diseases of vegetable crop of district Bahraich Uttar Pradesh and their cost-effective management”. His presentation made a connect with the farmers and they enquired about the remedial measures also. **Prof. (Dr.) Gopal Singh**, Joint Director Research, SVBP University, Meerut focused on “Modern Organic farming in vegetable crop”. His talk was well taken by the farmers, and they showed their eagerness to go for organic farming. **Mr. Nalin Rawal**, CEO & Co-Founder, Dhoom Farms Pvt. Ltd. gave a description “Innovative technologies for pest management under IPM”. He made the connect with the audience with pictures pertaining to the IPM technology applied in his farm and motivated the farmers to take help of advanced technology for better crop production and quality yield. **Dr. Shalini Singh Visen**, discussed the problems faced in the field and summarized the preventive measures. All the speakers were successful in disseminating their scientific knowledge for the farmer’s welfare.

The workshop ended with a note,” **“VIGYAN, ANUSANDHAAN AUR JAGRUK KISAN MILKAR KAREN UTTAM BHAVISHYA KA NIRMAAN”**.

Our future approaches would be collaborative projects based on:

1. To develop a multidisciplinary knowledge hub, performing quality research in plant, agriculture, and food science
2. To develop awareness towards climate smart agriculture and waste management technologies for sustainable development
3. To train farmers and other stakeholders for the future
4. To develop short term certification courses on Mushroom Production, Apiculture, Sericulture and Organic Farming in collaboration with UP Government.

5. To develop low-cost solar assisted transportation vehicle for farm goods and other farm machineries. This could be easily available to the villagers.

At the end farmers were asked to submit their feedback in the format developed by the Institution Research team to get the response of the beneficiary just to see their level of satisfaction so that in case some improvement could be made in future road map.



Amity Youth Fest 2023

PHALMIL

31 March-1 April

Organized by Amity Institute of Horticulture Studies
and Research

Fusion recipe contest of fruits and millet

Cerificates will be provided to the
participants!



Eligibility criteria: Graduate, postgraduate and research scholars from Food Science/Technology, Horticulture, Life Sciences, Agriculture and allied domain

CHAIRMAN:

Dr Nutan Kaushik

nkaushik5@amity.edu

FACULTY COORDINATORS

Dr Smruthi Jayarajan

Dr Perumalla Srikanth

STUDENT COORDINATORS

Ms. Rudrani

Ms Anubhaa

Annexure 7:

Training on organic farming to improve food, nutrition and income security for the rural farmers

Date of the Event: year 2023

Amity University Uttar Pradesh organised a awareness compaign under Unnat Bharat Abhiyan to promote organic farming among farmers of adopted villages. Organic farming is a system of agriculture that uses environmentally sound techniques for raising crops and livestock that are free from synthetic compound. The methods used in organic farming seeks to increase long term soil fertility, balance insect and organism populations and reduce air, soil and water pollution while maintaining or increasing levels of production. As opposed to the conventional farming system, organic farming keeps the welfare of every player in mind including the provision for fairness in farm situation and in trade. It stimulates the societal and individual responsibility for the environment hence sustainability. To raise awareness about the same Amity University Uttar Pradesh conducted a door-to-door campaign in which our primary goal to aware farmers about the need of sustainability and to gather data about the ongoing practices which they are following. Sustainable farming practices offer a way to address these challenges and ensure that we can continue to produce food for a growing population while also protecting the environment. Awareness was created among farmers that by adopting organic sustainable practices such as conservation tillage, crop rotation, and cover cropping, farmers can improve soil health, reduce erosion, and increase water retention. This can lead to higher crop yields and more resilient farms. In addition, sustainable farming practices can help to reduce greenhouse gas emissions, which are a major contributor to climate change. By using natural fertilizers and reducing the use of synthetic pesticides and herbicides, farmers can reduce the carbon footprint of their operations. Sustainable farming also has important social and economic benefits. By prioritizing the health of the soil and the environment, farmers can create a more sustainable and resilient agricultural system that can support rural communities and small-scale farmers. By supporting local food systems and reducing reliance on industrial agriculture, we can also create more equitable and just food systems that benefit everyone. Farmers were sensitized about organic farming and they distribution of pamphlets were done. Next there was an interactive session with farmers - Santa Ram and Maya Devi - where they discussed about different methodology and techniques dealing with pest and weed one of them for example "Method to deal with most hazardous pest of Brinjal -Banana leaves soaked in cow urine 2-3 days to allow manure to form viscous and then sprayed at brinjal and it is proved to be the most effective way in eradicating and controlling the brinjal disease in short duration. Students saw various common farm field tool and operations carried out by most of the local village farms and their methodologies and different varieties of plant crops.

Pictures of the Activity

ग्रामीणों को जैविक खेती व स्वरोजगार के लिए क

अनुरा खैलरा • जौड़ा

एमिटी विश्वविद्यालय उन्नत भारत अभियान के तहत जैविक खेती को बढ़ावा देने के लिए किसानों को प्रशिक्षित और प्रोत्साहित कर रहा है। विश्वविद्यालय ने पांच गांवों को गोद लिया है। यहां पर किसानों को वर्मी कंपोस्ट बनाने से लेकर खेती में प्रयोग तक का पूरा प्रशिक्षण दिया जा रहा है। विश्वविद्यालय के विज्ञानी व शोधार्थी छात्र किसानों के साथ मिलकर काम कर रहे हैं। वह नियमित गांव में जाकर लोगों को जागरूक कर रहे हैं। किसानों को खेती में उर्वरक, यौगिक के अल्पप्रयोग, मिट्टी की गुणवत्ता को लेकर जानकारी दे रहे हैं। गांव कार्यशालाओं का आयोजन कर रहे हैं। विश्वविद्यालय ने नौतमबूढ़ नगर के पांच गांव मंगरीली, छारपटेली,

● एमिटी ने पांच गांवों को गोद लिया गोद, जैविक खाद व पंपगया के माध्यम से स्वरोजगार के लिए कर प्रोत्साहित

● एचआरटी मंत्रालय ग्रामीण क्षेत्रों में आजीविका में सुधार के लिए चला रहा है अभियान



खेत में किसानों के साथ एमिटी विश्वविद्यालय के प्रोफेसर व शोधार्थी ● जी. विश्वविद्यालय नंगली खाननपुर, दुरियाह, सहरपुर को गोद लिया है। विश्वविद्यालय को विज्ञानी डा. संगीता घोड़ेय ने बताया कि मृदा संरक्षण से लेकर पानवीय स्वास्थ्य के लिए जैविक खेती को

लोगों को स्वरोजगार के लिए कर रहे प्रेरित

ग्रामीणों को जैविक कचरा से खाद बनाने और गमूज से पर्याय बनाने के बारे में भी जानकारी दे रहे हैं। किसानों को इसके प्रति प्रोत्साहित कर रहे हैं। लोगों को इसके माध्यम से स्वरोजगार के लिए भी प्रेरित कर रहे हैं। इससे जैविक खेती को बढ़ावा मिलने के साथ किसानों के जीवन में भी गुणवत्ता बढ़ेगी।

आइए हमें च...
उन्नत...
मंत्राल...
का हि...
आइए...
में लिख...
गीतय...
यह हि...
उद्वेग...
के लि...
कान...
वोनी:

प्रयोग कर खेती कर रहे हैं। ऐसे में सीधे जैविक खेती पर आना आसान नहीं है। इसके लिए किसानों को जागरूक करना जरूरी है। इसके लिए हम गांवों में कार्यशाला का आयोजन



Report

“Mata Bhoomi Putro Aham Prithivya”

**(The earth is my mother, I am her
child)**

One day Skill development

program On

“Management of Tropical & subtropical fruit crops”

Under NABARD Project

Amity University Uttar Pradesh, Lucknow

Date: - July 27th 2023, Thursday

Time: - 11:00 AM onwards

Venue: - Academic Block – 2, Amity University Uttar Pradesh, Lucknow Campus

Organizer: - Dr. Shalini Singh Visen, Director, Amity Food and Agriculture Foundation

The department of Amity Food and Agriculture Foundation organized a comprehensive skill development program for farmers registered under NABARD project & gardeners along with a massive plantation drive on the university campus. The primary objective of this program was to enhance the skills sets of the farmers through intercropping and day to day problems faced by these farmers with respect to the cultivar and soil health. The gardening staff are expected to be partially equipped with cultivation experience. Therefore, the participants were made to interact with the scientists and talks were delivered to create a greener and more sustainable environment on campus. The program started at 11 AM and followed onwards which involved various workshops, practical training sessions, and extensive plantation activities.

The skill development program and plantation initiative were designed to address the growing need for skilled gardeners and to promote eco-friendly practices. The program aimed to empower the participants with modern techniques, eco-conscious methodologies, and effective tools, thereby creating a well-maintained and environmentally friendly landscape. The NABARD farmers had a very genuine session with the scientists with respect to the pH of the soil and the leftover in the fields after the crop is marketed.

The keynote speakers shared their expert knowledge on various aspects like plant identification, soil management, pest control, composting, and sustainable irrigation practices.

In this program, Speaker's Kanchan Kumar Srivastava, Principal Scientist, Division of Crop Production, (ICAR-CISH, Lucknow), Dr. Dinesh Singh, Principal Scientist (ICAR-CISH, Lucknow) and Mr. Satish Tiwari, Agriculture Department Uttar Pradesh, Lucknow enlightened the program with their gracious presence in the program.

Dr. Kanchan Kumar Srivastava, Principal Scientist, ICAR-CISH, Lucknow gave an insight into the topic "*Planting Techniques Varieties, Pruning and Training System of Fruit Crops*"

Dr. Dinesh Singh, Principal Scientist, ICAR-CISH, Lucknow briefed on the topic "*Plant Nutrient Management, Planting care and Irrigation Scheduling of Fruit Crops*"

Mr. Satish Tiwari, Agriculture Department Uttar Pradesh, Lucknow discussed with the farmers on the topic "*On Farm practices*".

Objectives:

The main objectives of the program were as follows:

1. **Skill Enhancement:** To equip the NABARD project farmers and gardening staff with advanced horticultural skills, landscaping techniques and knowledge of sustainable gardening practices.
2. **Plantation Drive:** To conduct a plantation of Fruits trees across the campus to enhance biodiversity, improve air quality, and provide aesthetic benefits.
3. **Sustainability Awareness:** To raise awareness among the gardening staff and the university community about the importance of sustainable practices in gardening and landscaping.

Program Activities:

The Skill Development Program and Plantation Drive included the following activities:

4. Several Lectures were conducted by expert horticulturists and covering topics such as plant identification, soil management, pest control, composting, and sustainable irrigation practices.
5. Hands-on training sessions were organized to allow gardeners to apply the knowledge gained from the lectures. They were given opportunities to implement various gardening techniques under the guidance of experienced trainers.
6. Renowned experts in the field of horticulture and sustainability from ICAR-CISH Principal scientists were invited to deliver insightful lectures to inspire and educate the NABARD Farmers and gardening staff about the latest trends and practices in the industry.
7. The plantation drive involved planting some fruits trees and flowering plants at strategic locations throughout the university campus. The selection of plant species was based on their suitability to the local climate and their contribution to enhancing biodiversity.

Outcomes:

The Skill Development Program and Plantation Drive yield several positive outcomes:

8. **Enhanced Skills:** The NABARD project farmers and gardening staff demonstrated a noticeable improvement in their gardening techniques, resulting in better landscape maintenance across the campus.
9. The plantation drive added lush greenery to the university campus, improving its aesthetics and providing a conducive environment for academic and recreational activities.
10. The awareness programs instilled a sense of responsibility towards sustainability, leading to reduced water consumption, minimal use of chemical pesticides, and increased composting practices.
11. The introduction of plant species contributed to the promotion of local biodiversity, attracting various birds and insects, and supporting the ecosystem.

The skill development program NABARD farmers, gardeners Training & plantation on University Campus organized by the department Amity Food and Agriculture Foundation was a resounding success. It not only equipped the participants with enhanced skills but also brought about a positive transformation in the landscape. By promoting sustainable practices and green initiatives, the university has taken a significant step towards becoming an environmentally responsible institution.

The Amity Food and Agriculture Foundation department plans to continue such initiatives in the future to ensure the continual development of the gardening staff and the maintenance of a thriving, eco-friendly campus environment.



Annexure 9 and Annexure 10



Training programme on Mustard at village Mandawarh, Sikandrabad, Bulandshahr



Training programme on Field Pea at village Bilaspur block Dankaur, G B Nagar

Annexure 11 and Annexure 12



Training programme on Lentil at village Noor pur Madhiya block Dadri, G B Nagar



Training programme on Barely at village Jamalpur block Jewar, G B Nagar

Annexure 13 and Annexure 14



Training programme on Urad Bean at village Salempur block Jewar, G B Nagar



Training programme on Sesame at village Mohammadpur, Jewar

Annexure 15 and Annexure 16



Training programme on Urad bean at village Kalonda block Dadri, G B Nagar



Training programme on Pigeon Pea at village Kanarsa block Dankaur, G B Nagar

सरसों की गिरिराज प्रजाति से बढ़ेगी आय

सिकंदराबाद। विकास खंड के ग्राम मंडावरा में एमिटी विश्वविद्यालय के कृषि प्रसार सेवा केंद्र द्वारा किसान प्रशिक्षण शिविर का आयोजन किया गया। शिविर का आयोजन भारतीय सरसों अनुसंधान निदेशालय, सेवर भरतपुर, राजस्थान के सहयोग से किया गया। एमिटी कृषि प्रसार प्रभारी डॉ. नीतू सिंह, पूर्व निदेशक डॉ. एनपी सिंह, वरिष्ठ शोध अधिकारी रोशनलाल, कृषि विज्ञान केंद्र के वैज्ञानिकों ने किसानों को सरसों की गिरिराज प्रजाति के बारे में विस्तारपूर्वक जानकारी दी। शोध अधिकारी रोशनलाल, डॉ. राजीव सिरोही, ब्रजपाल सिंह, सतीश कुमार ने किसानों को जानकारी दी। संचालन शोध अधिकारी रोशनलाल ने किया। शिविर में 60 किसानों ने भाग लिया। संवाद

दलहनी रबी फसलों पर किसान गोष्ठी का आयोजन



रबूपुरा, 16 मार्च (देशबन्धु)। एमिटी कृषि प्रसार केंद्र नोएडा द्वारा मेहमदपुर व विलासपुर में किसान गोष्ठी का आयोजन किया गया। जिसमें राष्ट्रीय खाद्य सुरक्षा मिशन के अंतर्गत किसानों की आय वृद्धि के लिए दलहनी फसलों का क्षेत्रफल बढ़ाने हेतु मटर, मसूर व अन्य दलहन फसलों पर किसानों को जागरूक किया गया। भारतीय दलहन अनुसंधान संस्थान कानपुर के सहयोग से आयोजित कार्यक्रम में एमिटी कृषि प्रसार सेवा केंद्र प्रभारी डॉ. नीतू सिंह ने कहा कि किसानों को दलहनी फसलों का क्षेत्रफल बढ़ाने एवं प्राकृतिक खेती पर बल देना चाहिए। साथ ही दलहनी फसलों में

लगने वाले जड़गांठ, सत्रकृमि एवं झुलसा रोग के देसी एवं मूल्य प्रभावी जैव प्रबंधन हेतु नीम खली एवं ट्राइकोडर्मा का प्रयोग करना चाहिए। साथ ही गुणवत्तापूर्ण रोग रोधी फसल के लिए समय से बुआई करने की सलाह दी। डॉ. रोशन लाल व ज्ञानेंद्र सिंह ने बताया कि दलहनी फसलों से कम लागत में अधिक मुनाफा प्राप्त के साथ ही भूमि की उत्पादन क्षमता में भी वृद्धि होती है। किसानों को मिट्टी जांच कराकर फसल की मांग अनुरूप संतुलित मात्रा में उर्वरकों का प्रयोग करना चाहिए। इस दौरान संजय सिंह, हेतराम, मनजीत, कैलाश, मोहित, हेतराम, वीरपाल, सुधीर, रणवीर सिंह आदि किसान मौजूद रहे।



सिकंदराबाद के गांव सलेमपुर जाट में आयोजित कृषि गोष्ठी।

दलहन की फसल के बारे में दी जानकारी

सिकंदराबाद। राष्ट्रीय खाद्य सुरक्षा मिशन के अन्तर्गत दलहनी फसलों को बढ़ावा देने के लिए एमिटी कृषि प्रसार सेवा केंद्र द्वारा गांव सलेमपुर जाट में किसान गोष्ठी का आयोजन किया गया। वरिष्ठ शोध अधिकारी रोशनलाल ने दलहनी फसलों की परियोजना एवं महत्व के बारे में बताया। एमिटी केंद्र प्रभारी डॉ. नीतू सिंह, डॉ. सतीश नाइक, सतीश शर्मा, चमन, विरेन्द्र, राधे प्रधान, मानिक, भोला, मनोज, लाला, निर्मल आदि मौजूद रहे।