

ETERNAL UNIVERSITY, BARU SAHIB

Institution's Innovation Council

Activity Report

Workshop on Digging into the Future: Advancing Agriculture through Technology (26th - 27th October, 2023)

1.	Academic year	:	2022-23
2.	Program driven by	:	Self-Driven Activity
3.	Quarter	:	Semester 1, Quarter I
4.	Program/Activity Name	:	Workshop on “Digging into the Future: Advancing Agriculture through Technology”
5.	Program type	:	Level-2: Workshop
6.	Program Theme	:	Innovation and Design Thinking
7.	Duration of the activity (in days)	:	02
8.	Start Date	:	26-10-2023
9.	End Date	:	27-10-2023
10.	Number of Student Participants (Minimum 50 Students)	:	227
11.	Number of Faculty Participants	:	15
12.	Number of External Participants, If any	:	4
13.	Expenditure Amount, If any	:	NA
14.	Remark	:	--
15.	Mode of Session Delivery	:	Offline
16.	Objective (100 letters)	:	To promote awareness about innovative technology "InSoil" developed by Absolute India Pvt. Ltd.
17.	Benefit in terms of Learning/Skill/ Knowledge obtained (150 letters)	:	Workshop had benefitted the attendees to understand and implement innovative technologies for sustainable future for agriculture in India
18.	Video URL (EU YouTube channel)	:	NA
19.	Photographs (only 2) (max size 2 MB)	:	Uploaded on IIC portal
20.	Overall report of the activity (PDF, max 2MB)	:	Uploaded on IIC portal
21.	Promotion in Social Media Linkedin: https://www.linkedin.com/posts/eternal-university-baru-sahib-sirmour-inaugurated-insoil-collaboration-activity-712655260753949414-71oM?utm_source=share&utm_medium=member_desktop		

Workshop on "Digging into the Future: Advancing Agriculture through Technology"
26th - 27th October, 2023



The banner features the Eternal University logo on the top left and the Absolute logo on the top right. The main text is centered and reads: "Workshop on 'Digging into the Future: Advancing Agriculture through Technology'". Below this, it says "Jointly Organized By" in yellow. A yellow box contains the text: "Centre of Excellence for Food and Agriculture, DKSG Akal College of Agriculture, Eternal University, Baru Sahib (H.P.)". Below that, it says "& Absolute, India on 26th - 27th October 2023". At the bottom, the location is given as "Eternal University, Baru Sahib, Rajgarh, Distt. Sirmour, Himachal Pradesh- 173101". The background is a green field with growing plants.

Workshop on "Digging into the Future: Advancing Agriculture through Technology"

Jointly Organized By

Centre of Excellence for Food and Agriculture, DKSG Akal College of Agriculture, Eternal University, Baru Sahib (H.P.)

& Absolute, India
on 26th - 27th October 2023

Eternal University, Baru Sahib, Rajgarh, Distt. Sirmour, Himachal Pradesh- 173101





Workshop on "Digging into the Future: Advancing Agriculture through Technology"

Jointly organized by

Centre of Excellence for Food and Agriculture, DKSG Akal College of Agriculture, Eternal University, Baru Sahib (H.P.) & Absolute, India

at

Eternal University, Baru Sahib, Himachal Pradesh

26th - 27th October 2023

Via Rajgarh, Distt. - Sirmour, Himachal Pradesh- 173101.

Day 1: 26-10-2023

S. No.	TIME	ACTIVITY	KEY PERSON
INAUGURAL SESSION			
1.	09:00-09:30	Registration	Dr. Sushma Sharma and Dr. Priyanka Thakur
2.	09:30-9:55	Inauguration (Lamp lightning), Shabad	
3.	9:50-10:10	Welcome note addressing invitees and participants	Dr. S. K. Sharma, Dean, DKSG Akal College of Agriculture
4.	10:10-10:20	Inaugural speech	Dr. A. S. Ahluwalia, Hon'ble Pro Vice Chancellor
5.	10:20-10:40	Address by Hon'ble Vice Chancellor	Dr. Davinder Singh, Hon'ble Vice Chancellor
6.	10:40-10:45	Vote of Thanks	Dr. Krishan Kumar
	10:45-11:15	Tea Break	
TECHNICAL SESSION			
7.	11:15-12:15	Lecture on "Farming in the Digital Age: A Technological Revolution"	Dr. Shivam Sharma, Director of Partnership, "Absolute"
8.	12:15-1:15	Lecture on "Cultivating Soil Vitality: Nurturing Land for Sustainable Futures"	Dr. Nipun Sabrawal, Business Head of Protected Cultivation "Absolute"
	1:15-2:00	Lunch Break	
9.	2:00-4:00	Training	Team members of "Absolute"
10	06:00-07:00	Meeting with Vice Chancellor	Team members of "Absolute" and members of "Centre of Excellence"

Day 2: 27-10-2023

S. No.	TIME	ACTIVITY	KEY PERSON
1.	09:00-11:00	'InSoil' setup in Soil Science laboratory	Team members of "Absolute", Dr. Deepak Kumar and Dr. Mahesh Tripathi
2.	11:00-1:00	Lab and Field Visits	Dr. Amit Saurabh and Dr. Imran Sheikh
VALEDICTORY SESSION			
3.	2:00-2:30	Distribution of certificates to participants	Dr. A. S. Ahluwalia, Hon'ble Pro Vice Chancellor

Event summary

A workshop on "**Digging into the Future: Advancing Agriculture through Technology**" concluded on 27th October, 2023, leaving attendees with a deeper understanding of how technology can reshape the agriculture sector. Jointly organized by "The Centre of Excellence for Food and Agriculture" at DKSG Akal College of Agriculture, Eternal University, in collaboration with Absolute, India, Pvt. Ltd., the event aimed to promote farmer and student awareness about the revolutionary technology "InSoil" soil testing equipment developed by Absolute India Pvt. Ltd.

With more than 250 delegates from the university and beyond in attendance, the workshop became a platform for knowledge sharing and collaboration. Dr. A S Ahluwalia, Pro Vice Chancellor, Eternal University, inaugurated the event. In his inaugural address, Dr. Ahluwalia emphasized the pivotal role of Eternal University in advancing agricultural practices and technology. The attendees were further welcomed by Dr. S K Sharma, who set the tone for the enriching discussions to follow. Dr. Sapna Thakur (Vice Chairperson, Centre of Excellence for Food and Agriculture) explained the role of Centre of Excellence, for encouraging the young Entrepreneurs.

The highlight of the workshop included invited speakers from Absolute India, Dr. Shivam Sharma (Director Partnership, Absolute India) and Dr. Nipun Sabarwal (Business Head of Protected Cultivation, Absolute India). Dr. Shivam Sharma delved into the topic of "Farming in the Digital Age: A Technological Revolution," exploring how digital solutions are transforming farming practices. Dr. Nipun Sabarwal's presentation on "Cultivating Soil Vitality: Nurturing Land for Sustainable Futures" emphasized the crucial role of soil health and technological interventions in ensuring sustainable agriculture.

The first day's sessions concluded with a live demonstration of InSoil Machine developed by Absolute India Pvt. Ltd. The demonstration was done by Ms. Pooja Arti and Mr. Deepak, the resource persons from Absolute India which garnered significant interest from the attendees. This cutting-edge technology will revolutionize soil testing practices, by providing accurate and rapid results to farmers. Additionally, the Upaj Cloud computing system, integrated with the InSoil Machine, was showcased, highlighting the power of data analytics and cloud-based solutions in agriculture.

Dr. Krishan Kumar, Chairperson of the Centre of Excellence for Food and Agriculture at DKSG Akal College of Agriculture, Eternal University, expressed his gratitude to the participants, speakers, and sponsors in a heartfelt vote of thanks. He emphasized the importance of such workshops in bridging the gap between academia and industry, facilitating knowledge exchange and fostering innovation.

The workshop served as a testament to the transformative potential of technology in agriculture. It not only educated participants about the latest advancements but also encouraged collaboration and knowledge sharing among stakeholders in the agriculture sector. The event has left a profound impact, inspiring attendees to harness the power of technology to create a sustainable and prosperous future for agriculture in India.

Event outcomes

The workshop on "Digging into the Future: Advancing Agriculture through Technology," held on October 27, 2023, yielded significant outcomes, leaving attendees with a profound understanding of the transformative potential of technology in reshaping the agriculture sector. Jointly organized by "The Centre of Excellence for Food and Agriculture" at DKSG Akal College of Agriculture, Eternal University, in collaboration with Absolute India Pvt. Ltd., the event focused on promoting awareness about the revolutionary "InSoil" soil testing equipment.

The workshop emerged as a robust platform for knowledge sharing and collaboration. Expert Perspectives provided valuable insights into the integration of technology for a more resilient and productive agriculture sector. A live demonstration of the InSoil Machine by Ms. Pooja Arti and Mr. Deepak from Absolute India captivated attendees, generating significant interest. The event's profound impact extended beyond education, fostering collaboration and knowledge sharing among stakeholders in the agriculture sector.

Number of participants/beneficiaries

Students (from institution)	Faculty (from institution)	Students (outside institution)	Faculty (outside institution)	Total Students + Faculty
227	15	0	4	246

Event photograph



Galaxy A34_5G

मिट्टी के स्वास्थ्य का सही पता लगा सकेंगे किसान

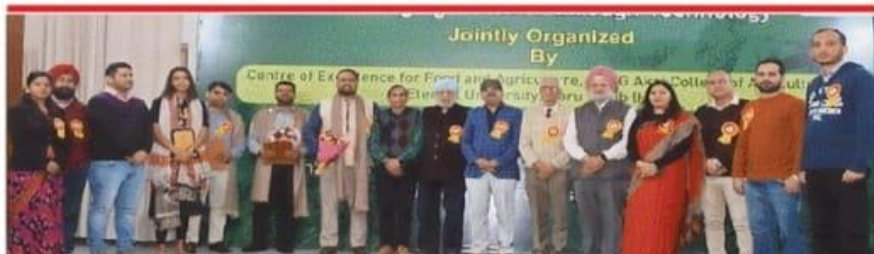
जागरण संवाददाता, नाहन : इटरनल यूनिवर्सिटी बड़ साहिब ने डिगिंग इन द फ्यूचर एडवांसिंग एग्रीकल्चर थ्रू टेक्नोलॉजी को दो दिवसीय कार्यशाला करवाई। कार्यशाला में इनोसिल मिट्टी परीक्षण उपकरण अब्सोलुटे इंडिया ने स्थापित किया। कार्यशाला में नवीनतम कृषि प्रौद्योगिकियों और क्षेत्र में उनके अनुप्रयोगों पर चर्चा की गई।

कार्यशाला के दौरान एक अत्याधुनिक "इनोसिल" मिट्टी परीक्षण उपकरण की स्थापना की गई। इनसोइल एक अत्याधुनिक उपकरण है, जो किसानों को तत्काल, सटीक और व्यापक मृदा स्वास्थ्य डेटा प्रदान करता है। जिससे उन्हें फसल चयन और सिंचाई के बारे में सूचित निर्णय लेने में मदद मिलती है। इनसोइल की मदद से किसानों को अपनी भूमि का प्रबंधन करने के तरीके में क्रांति लाने की उम्मीद है। जिससे फसल की पैदावार और टिकाऊ कृषि पद्धतियों को बढ़ावा

● बड़ साहिब में मिट्टी परीक्षण उपकरण इनोसिल की हुई स्थापना

● इटरनल यूनिवर्सिटी में दो दिवसीय कार्यशाला का आयोजन

● फसल की पैदावार बढ़ाने का किसानों को दिया प्रशिक्षण



बड़ साहिब स्थित इटरनल यूनिवर्सिटी में मिट्टी परीक्षण उपकरण इनोसिल की स्थापना के बाद अधिकारी व अन्य ● जागरण

मिल सकता है। कार्यशाला के प्रतिभागियों को कृषि और प्रौद्योगिकी के विशेषज्ञों के साथ जुड़ने का अवसर मिला। इस कार्यक्रम में भाग लेने वाले किसान न केवल उपकरणों के साथ अनुभव प्राप्त किया, बल्कि अपने खेतों की दीर्घकालिक स्थिरता के लिए मिट्टी के स्वास्थ्य के महत्व

के बारे में भी जाना।

डा. कृष्ण कुमार सेंटर आफ एक्सीलेंस फॉर फूड एंड एग्रीकल्चर के अध्यक्ष ने कहा कि हम हिमाचल प्रदेश में कृषि समुदायों के भविष्य को लाने के लिए उत्साहित हैं। इनसोइल एक गेम-चेंजर है, और यह कार्यशाला हमारे किसानों को

आधुनिक कृषि परिदृश्य में पनपने के लिए आवश्यक ज्ञान और उपकरणों के साथ सशक्त बनाएगी। आयोजकों ने एक्सोल्यूट भारत के सहयोग से, यह सुनिश्चित करने के लिए इंटरैक्टिव सत्र, पैनल चर्चा और प्रौद्योगिकी प्रदर्शित करने की व्यवस्था की।

इटरनल यूनिवर्सिटी बड़ साहिब में कार्यशाला 26 से

जागरण संवाददाता, नाहन : इटरनल यूनिवर्सिटी बड़ साहिब में 26 व 27 अक्टूबर तक डिगिंग इन द फ्यूचर एडवांसिंग एग्रीकल्चर थ्रू टेक्नोलॉजी पर दो दिवसीय कार्यशाला का आयोजन किया जाएगा। इसमें किसान नवीनतम कृषि प्रौद्योगिकियों व क्षेत्र में उनके प्रयोगों पर चर्चा करेंगे। इससे क्षेत्र में स्मार्ट खेती के नए युग की शुरुआत की जा सकेगी। कार्यशाला के दौरान एक अत्याधुनिक "इनोसिल" मिट्टी परीक्षण उपकरण की स्थापना की जाएगी, जो किसानों को तत्काल, सटीक व व्यापक मृदा स्वास्थ्य डेटा प्रदान करता है। इससे उन्हें फसल चयन, निषेचन व सिंचाई के बारे में निर्णय लेने में सहायता मिलती है। इनोसिल की सहायता से किसानों को अपनी भूमि का प्रबंधन करने के तरीके में क्रांति लाने की उम्मीद है। इससे फसल की पैदावार व टिकाऊ कृषि



इटरनल यूनिवर्सिटी बड़ साहिब ● जागरण

पद्धतियों को बढ़ावा मिल सकता है। कार्यशाला में प्रतिभागियों को कृषि व प्रौद्योगिकी के विशेषज्ञों के साथ जुड़ने का अवसर मिलेगा।

कार्यशाला में इनोसिल की कार्यक्षमता व लाभों का भी प्रदर्शन किया जाएगा। सेंटर आफ एक्सीलेंस फॉर फूड एंड एग्रीकल्चर के अध्यक्ष डा. कृष्ण कुमार ने कहा कि इनोसिल एक गेम-चेंजर है और यह कार्यशाला किसानों को ज्ञान व उपकरणों के साथ सशक्त बनाएगी।

Divya Himachal
(October 29, 2023)