

Indicator 2.5.2 – REPORT ON UNIVERSITY-ORGANIZED EVENTS FOR KNOWLEDGE EXCHANGE AND COLLABORATION WITH LOCAL FARMERS AND FOOD PRODUCERS

For Academic Year 2024-25



Brainware University

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Document Control and Reporting Particulars:

Particular	Details
University	Brainware University
Report Title	INDICATOR 2.5.2 – REPORT ON UNIVERSITY-ORGANIZED EVENTS FOR KNOWLEDGE EXCHANGE AND COLLABORATION WITH LOCAL FARMERS AND FOOD PRODUCERS
THE indicator	Indicator 2.5.2 - Does your university as a body provide events for local farmers and food producers to connect and transfer knowledge?
Reporting Period	AY 2024-25
Responsible Unit	SDG or Sustainability Coordination Mechanism
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1. Introduction

Brainware University demonstrates an active institutional commitment to knowledge exchange with farmers and agricultural stakeholders through events organised by its Agriculture unit during the 2024–25 reporting period. The documented activities include field demonstrations, farm visits, farmer-oriented lectures and awareness programmes addressing precision agriculture, livestock and farm management, soil fertility, sustainable resource use, climate-resilient agriculture, crop diversification and millet-based resilient food production. The evidence shows that the University uses its academic and technical expertise to create opportunities for farmers and food-production stakeholders to interact with faculty/experts and gain practical or application-oriented knowledge.

2. Evidence of Events and Knowledge Transfer

Sl. No.	Date	Event / Activity	Participants / Beneficiaries	Knowledge Transfer Focus
1	30-08-2024	Application of Drones in Agriculture – One-Day Demonstration Cum Outreach Programme	19 Farmers	Drone-based precision agriculture; crop protection; pesticide/input application; reducing wastage; crop management.
2	11-09-2024	Haringhata Farm Visit	Haringhata farm workers	Sustainable livestock and farm management; animal nutrition and health; feed/water efficiency; hygiene; waste management.
3	04-12-2024	Maintaining Soil Quality and Fertility – Current Innovations vis-à-vis Indian Knowledge Systems for Sustainable Agriculture	Farmers	Soil fertility and conservation; balanced nutrients; water management; integration of Indian knowledge with modern agriculture.
4	23-12-2024	Honouring Our Annadata: A Tribute to Farmers' Dedication	Agricultural farmers	Input costs; water/resource efficiency; soil fertility; climate risks; crop



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				productivity; diversification and risk management.
5	02-01-2025	Information-Driven Soil Management for Sustainability	Students of UG	Soil health; data-driven decisions; fertilizer and water efficiency; sustainable and evidence-based farming.
6	24-04-2025	Lecture Series 2 on Millets: The Magic Seed - Unearthing the Timeless Legacy of the Indian Knowledge System	Agricultural farmer	Millet cultivation; traditional knowledge; nutrition; climate resilience; water/resource efficiency; diversified cropping.



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3. Details of the event/activity

Title of the Event:	Application of Drones in Agriculture (One Day Demonstration Cum Outreach Programme)
Date:	30-08-2024
Venue:	Babpur village
Beneficiaries:	19 Farmers
Organising unit:	Agriculture

Outcome: The programme enhanced farmers' awareness and practical understanding of drone-based precision agriculture for efficient crop protection and pesticide application. The live demonstration highlighted how drone technology can support timely and uniform application of agricultural inputs, reduce input wastage, and improve crop management. By promoting the adoption of innovative and resource-efficient farming practices, the programme contributed to **SDG 2 - Zero Hunger**, particularly by supporting sustainable agricultural productivity, improved farm efficiency, and resilient food production systems.





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Title of the Event:	Haringhata Firm Visit
Date:	11-09-2024
Venue:	Haringhata
Beneficiaries:	Haringhata firm workers
Organising unit:	Agriculture

Outcome: The Haringhata Farm Visit enhanced farm workers' knowledge and awareness of sustainable livestock and farm management practices, with emphasis on proper animal nutrition, health management, efficient use of feed and water, hygienic farm practices, responsible use of agricultural inputs, and effective waste management. The interaction promoted resource-efficient and sustainable farming practices aimed at improving livestock productivity, farm efficiency, and food production. The programme contributed to UN SDG 2- Zero Hunger by supporting sustainable agricultural practices, enhancing productivity, and strengthening resilient and sustainable food production systems.





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Title of the Event:	Maintaining Soil Quality and Fertility – Current Innovations vis-à-vis Indian Knowledge Systems for Sustainable Agriculture
Date:	04-12-2024
Venue:	(University Building II-303), Brainware University
Participants:	Farmers
Organising unit:	Agriculture

Outcome: The event enhanced farmers’ awareness of soil fertility management, soil conservation, balanced nutrient use, efficient water management, and sustainable agricultural practices to address challenges affecting crop productivity and food production. The Agriculture Department encouraged the integration of traditional Indian agricultural knowledge with modern scientific approaches to promote eco-friendly, resource-efficient, and climate-resilient farming. The initiative supported improved agricultural productivity, sustainable food production, and resilient farming systems, thereby contributing directly to **UN SDG 2 – Zero Hunger**, particularly through the promotion of sustainable agriculture and enhanced food security.





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Title of the Event:	Honouring Our Annadata: A Tribute to Farmers' Dedication
Date:	23-12-2024
Venue:	(University Building II-303), Brainware University
Participants:	Agricultural farmers
Organising unit:	Agriculture

Outcome: The event sensitized farmers to key challenges affecting sustainable agricultural productivity and food security, including rising input costs, efficient use of water and farm resources, soil fertility management, climate-related risks, and crop productivity. The Agriculture Department encouraged the adoption of sustainable, climate-resilient, and resource-efficient farming practices, along with crop diversification and appropriate risk-management strategies. The initiative strengthened farmers' awareness of practices that can enhance agricultural productivity, resilience, and sustainable food production, thereby contributing directly to **UN SDG 2 – Zero Hunger**, particularly its focus on sustainable agriculture, resilient food production systems, and improved agricultural productivity.



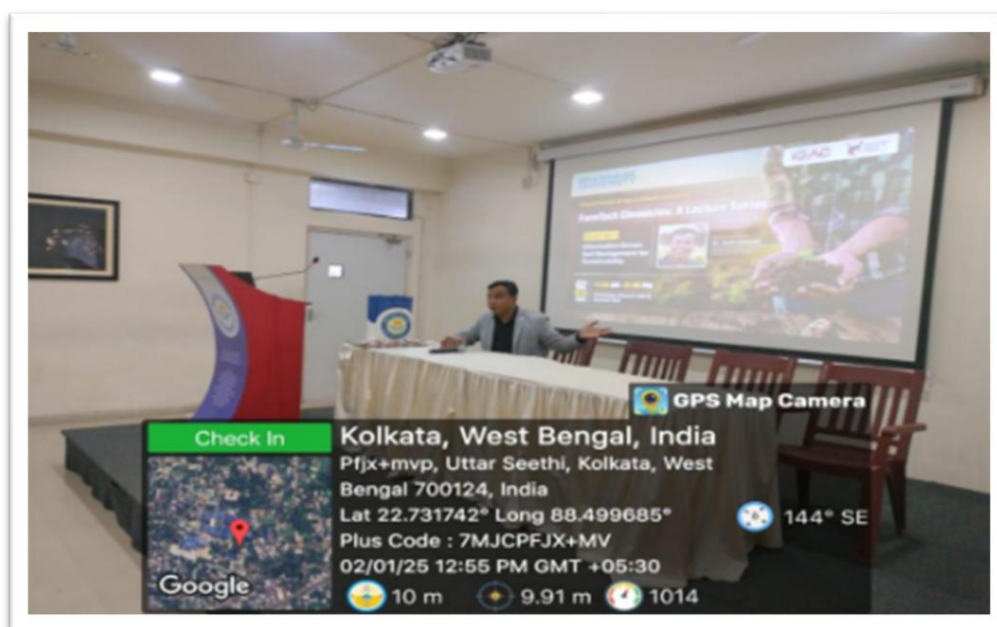


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Title of the Event:	Information-Driven Soil Management for Sustainability
Date:	02-01-2025
Venue:	(University Building II-303), Brainware University
Participants:	Students of UG
Organising unit:	Agriculture

Outcome: The “Farmtech Chronicles – A Lecture Series (Information-Driven Soil Management for Sustainability)” enhanced farmers’ understanding of soil fertility, soil degradation, balanced nutrient management, efficient resource utilization, and data-driven agricultural decision-making. The programme introduced participants to modern, technology-enabled soil management practices that can support informed crop planning, efficient use of fertilizers and water, improved soil health, and enhanced crop productivity. By promoting sustainable and evidence-based farming practices, the initiative contributed to **UN SDG 2 – Zero Hunger**, particularly by supporting sustainable agriculture, improved agricultural productivity, resilient food production systems, and long-term food security.





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Title of the Event:	Lecture Series 2 on Millets: The Magic Seed – Unearthing the Timeless Legacy of the Indian Knowledge System
Date:	24-04-2025
Venue:	(University Building II-303), Brainware University
Participants:	Agricultural farmer
Organising unit:	Agriculture

Outcome: The “**Millets: The Magic Seed – Unearthing the Timeless Legacy of the Indian Knowledge System**” lecture enhanced farmers’ awareness of the role of millets in sustainable and resilient food production. The Agriculture Department highlighted the traditional knowledge, nutritional value, and agricultural benefits of millets, particularly their suitability for climate-resilient cultivation, efficient use of water and other resources, and diversified cropping systems. The programme encouraged the integration of traditional Indian agricultural knowledge with sustainable farming practices to enhance crop productivity, strengthen food security, and support resilient agricultural systems, thereby contributing directly to **UN SDG 2 – Zero Hunger**.





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4. Conclusion

Brainware University has demonstrated a clear institutional mechanism for engaging farmers and agricultural stakeholders through structured events that facilitate knowledge sharing and transfer. During the 2024-25 period, the agriculture unit organised and documented programmes covering precision agriculture, livestock and farm management, soil fertility and conservation, climate-resilient farming, crop diversification and millet-based sustainable agriculture. These initiatives created opportunities for farmers and farm workers to interact with university-led expertise and gain knowledge relevant to improving agricultural productivity and sustainability.