

# ROGRAMME

## INIT-ISNET Online Training Course on Leveraging AI for Precision Agriculture

October 28 – 30, 2024

Day 1 Monday, October 28, 2024			
S.N.	Topic	Time	
		PST	GMT
a.	Introduction to Precision Agriculture (PA)	1400 -1430	0900 – 0930
b.	Fundamentals of AI in Agriculture		
c.	Data Collection Techniques	1430 -1530	0930- 1030
d.	University Drone Data Acquisition & Processing		
e.	Vegetation Indices and Crop Health Monitoring	1530 -1600	1030-1100
Day 2 Tuesday, October 29, 2024			
S.N.	Topic	Time	
		PST	GMT
f.	Crop Yield Estimation	1400 – 1600	0900 – 1100
g.	Crop Stress Prediction & Detection		
h.	Crop Vigor Analysis		
i.	Morphological Traits of Plants/ Field		
Day 3 Wednesday, October 30, 2024			
S.N.	Topic	Time	
		PST	GMT
j.	AI Analytics Station for Agriculture	1400 – 1600	0900 – 1100
k.	Case Studies, Challenges and Future Direction		
l.	Q&A Session		
m.	Conclusion		

\* PST: Pakistan Standard Time

\* GMT: Greenwich Mean Time

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