



NAHEP



Entrepreneurial Short Course Training Series # 05 Plant Tissue Culture & Micropropagation

13th December to 22nd December 2021

Time – 10:00 AM to 12:00 PM



PATRON

Prof. J.S. Sandhu
Hon'ble Vice Chancellor
SKNAU, Jobner



ORGANIZER

Dr. A.K. Gupta
PI, NAHEP, SKNAU, Jobner



Training-Coordinator

Dr. Sumer Singh Punia
Associate Professor and Head
Plant Breeding & Genetics



Training-Coordinator

Dr. B. S. Badhala
Incharge READY, SKNCOA, Jobner



Mentor

Dr. Varsha Kumari
Asstt. Professor
Plant Breeding & Genetics



Mentor

Mr. Manoj Kumar Meena
Asstt. Professor
Plant Breeding & Genetics

Organizing Team

Mr. Mahesh Sharma
Dr. A. L. Prajapat
Mr. Bhuvnesh Didal

Day	Name of Topic	Date
1	Inauguration	13/12/2021
2	Meaning, Concept and Scope of Plant tissue culture and Micropropagation	13/12/2021
3	To become familiar with terminology of plant tissue culture technology and learning of micropropagation protocol	14/12/2021
4	Establishment of model tissue culture laboratory	15/12/2021
5	Composition of different tissue culture media -synthetic and natural media components	16/12/2021
6	Sterilization Techniques Explant Glassware Plastic Ware Lab Ware Working Platform	17/12/2021
7	Growth regulators and their use in tissue culture media Preparation and sterilization of growth regulators	18/12/2021
8	Preparation of stock solution and working medium	20/12/2021
9	Inoculation techniques, Direct and indirect regeneration of plants using different explants	21/12/2021
10	Hardening techniques	22/12/2021

Organized by

IDP-NAHEP

SKN Agriculture University, Jobner-303329, Jaipur (Raj.)

Website: www.sknau.ac.in, www.nahepjobner.in