

Manipal University Jaipur Facilitates Local Farmers and Food Producers for Agricultural Advancement

Local farmers and food producers are the backbone of our communities, providing essential sustenance and contributing to the local economy. Recognizing the vital role they play, Manipal University Jaipur has taken a proactive stance in assisting these individuals and businesses. Manipal University Jaipur provides access to facilities that empower local farmers and food producers to thrive in their endeavors.

Manipal University Jaipur is equipped with cutting-edge research facilities, including laboratories, greenhouses, and experimental fields. These resources allow local farmers and food producers to conduct experiments, analyze soil and crop samples, and develop innovative agricultural solutions. Modern agriculture relies on specialized equipment, which can be expensive to purchase and maintain. Manipal University Jaipur maintains demonstration farms where best practices in agriculture are showcased. Farmers and food producers can visit these farms to learn about the latest techniques in soil management, crop rotation, pest control, and sustainable farming. Manipal University Jaipur has extension programs that offer practical advice and support to local agricultural communities. These services include workshops on topics like organic farming, crop diversification, and pest management. Manipal University Jaipur offers undergraduate and graduate programs in related fields (Figure 1) These programs prepare the next generation of farmers, agronomists, and food scientists while fostering a culture of innovation in the local agricultural sector. Manipal University Jaipur collaborates with local farmers and food producers on research projects. These partnerships help bridge the gap between scientific knowledge and practical application, leading to innovations that boost agricultural productivity and sustainability. Manipal University Jaipur hosts farmers' markets on their campuses, providing a platform for local producers to sell their products directly to the community (Picture 1 & 2). This strengthens the local food system and supports small-scale producers. Manipal University Jaipur promotes sustainable and environmentally friendly practices. Farmers and food producers can benefit from knowledge sharing on conservation, waste reduction, and eco-friendly packaging (Picture 3 & 4).

Manipal University Jaipur serves as dynamic hubs of knowledge and resources that local farmers and food producers can tap into for their benefit. By providing access to facilities, educational programs, and opportunities for collaboration, universities empower



these essential community members to navigate the challenges of modern agriculture successfully. As this partnership between academia and agriculture continues to thrive, it contributes to the growth and sustainability of local food systems, ultimately benefiting us all.



Picture 1: Access to MUJ Farming land to local Farmers



Picture 2: Crop cultivation and cutting at MUJ campus by Local Farmer

<https://www.youtube.com/watch?v=FVsnhJShXr8>





Sr. No.	Course code	Name of Course	Name of Program
1	BT6202	Plant Biotechnology	M.Sc. Biotechnology
2	BT1201	Mycology, and Plant Pathology	B.Sc. (Hons.) Biotechnology
3	BT1101	Diversity of Lower Plants	B.Sc. (Hons.) Biotechnology
4	BT1212	Microbial Nutrition and Growth	B.Sc. (Hons.) Microbiology

Figure 1: Programs related to Plants and Nutrition



Picture 3: Organic farming activities at MUJ Campus



Picture 4: Food testing at MUJ lab



**MANIPAL UNIVERSITY
JAIPUR**

(University under Section 2(f) of the UGC Act)

