Subject	Sl. No.	Topic	Faculty	Start Date
Agricultural Process Engineering & Storage Systems	i	Engineering properties of agricultural produce	Sudhanshu Sir	19 Nov 2026
	ii	Drying and moisture management	Sudhanshu Sir	
	iii	Cleaning, grading and material handling	Sudhanshu Sir	
	iv	Processing of cereals, pulses and oilseeds	Mahima Ma'am	
	v	Storage systems including godowns, silos, controlled and modified atmosphere storage	Sudhanshu Sir	
	vi	Packaging	Mahima Ma'am	RECORDED
Food Engineering & Preservation	i	Heat and mass transfer (Basic Concepts)	Mahima Ma'am	2 Nov 2026
	ii	Food preservation by cooling, freezing, refrigeration and cold storage		
	iii	Pasteurization and sterilization		
	iv	Water activity and food storage principles		
Food Chemistry & Nutrition	i	Composition and properties of carbohydrates, proteins and lipids, enzymes	Mahima Ma'am	RECORDED
	ii	Chemical and biochemical changes during storage and processing	Mahima Ma'am	20 Nov 2026
	iii	Food quality parameters and deterioration	Mahima Ma'am	
Food Microbiology & Pest Control	i	Microorganisms associated with food grains	Sandeep Sir	30 Nov 2026
	ii	Microbial growth and food spoilage	Mahima Ma'am	
	iii	Storage fungi and mycotoxins	Mahima Ma'am	
	iv	Food-borne pathogens	Mahima Ma'am	
	v	Fumigation principles	Mahima Ma'am	

	vi	Stored grain pests, rodent control, integrated pest management (IPM), pesticide application, dosage and safety precautions	Damini Ma'am	
General Biology & Biotechnology	i	Biomolecules, enzymes, microorganisms, microbial growth and nutrition	Mahima Ma'am	9 Dec 2026
	ii	Basic genetics and molecular biology	Damini Ma'am	
	iii	Applications of biotechnology in food preservation, grain quality, pest management and storage	Mahima Ma'am	
Grain Storage, Quality Control & Chemical Preservation	i	Quality inspection and grading of food grains	Mahima Ma'am	15 Dec 2026
	ii	Sampling techniques, moisture determination, grain standards	Mahima Ma'am	
	iii	Storage losses, scientific storage practices	Mahima Ma'am	
	iv	Pre-monsoon and post-monsoon prophylactic treatment	Sandeep Sir	
	v	Fumigation practices, chemicals and dosage	Sandeep Sir	
	vi	Quality control measures in warehouses	Sandeep Sir	