
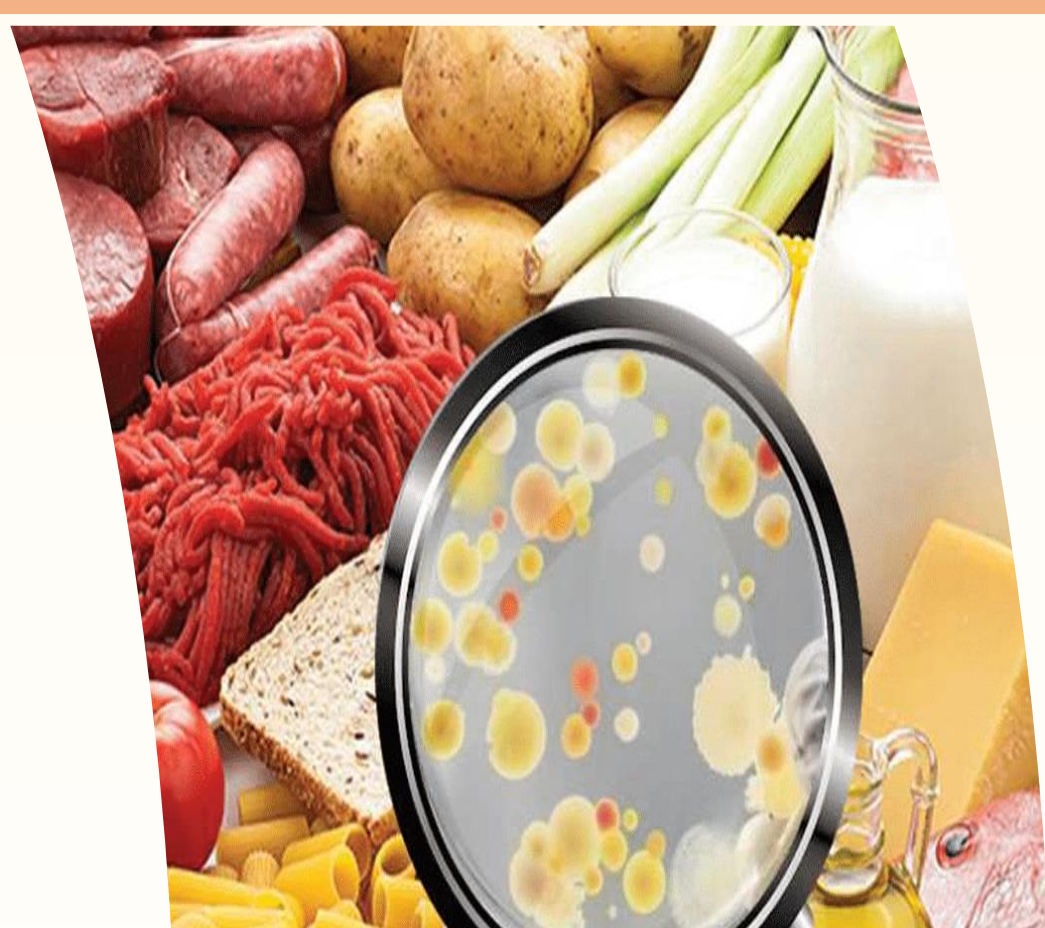




PROGRAME LEARNING OUTCOMES (PLOs)		EXPECTED LEARNING OUTCOME OF COURSE (CELOs)		PLOs
General knowledge		Knowledge		
PLO 1	Apply natural, social, technical and economic knowledge to solve problems in preservation, processing, testing, and research and development of food products.	CELO 1	Explain the process of microbial growth and development.	PLO 1
Professional skills		CELO 2	Explain beneficial microorganisms in food technology.	PLO 1, 2
PLO 2	Formulate production procedures based on the analysis of technical factors to ensure and enhance product quality.	CELO 3	Explain the relationship between microorganisms and food spoilage.	PLO 1
PLO 3	Design quality management systems for processing plants to ensure food hygiene and safety.	Specialized skills		
Soft-skills		CELO 4	Application of some beneficial microorganisms in food technology. Evaluation of the harmful effects of harmful microorganisms in food.	PLO 7
PLO 4	Perform work planning, demonstrate creatively critical thinking, work independently and effectively as a team leader or member	CELO 5	Planning work, working independently, working in groups, giving presentations, reading and understanding specialized English	PLO 4, 5
PLO 5	Demonstrate communication skills and use specialized English in food technology.	Attitude		
PLO 6	Operate production equipment in food manufacture factories.	CELO 6	Confident, professional, serious, responsible at work.	PLO 9
PLO 7	Analyse product quality criteria in food preservation and processing procedures	CELO 7	Show eagerness to learn and listen	PLO 10
PLO 8	Design research to address technological and regulatory problems in the food industry through the evaluation of information, scientific data and information technology applications			
Attitude				
PLO 9	Work professionally, maintain professional ethics, social responsibility, and demonstrate personal physical development.			
PLO 10	Demonstrate the spirit of entrepreneurship and life-long learning.			



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