

Scheme (1st Year)

for

Integrated B.Sc. (Hons./Hons. with Research) -MSc in Food Technology (Semester System)

As Per NEP, 2020

(Multiple Entry-Exit, Internship and Choice Based Credit System)

To be implemented w.e.f. Academic Session 2024-25



Department of Food Technology

Guru Jambheshwar University of Science and Technology, Hisar

SEMESTER-I

Type of Course		Course Code	Nomenclature of Paper/ Course	Credits	Contact Hours	Internal Marks	External Marks	Total Marks	Duration of Exam (Hr)
Discipline Specific Course	DSC-A1	24BFT0101T	Fundamentals of Food Science	4	4	30	70	100	3 Hr.
	DSC-A2	24BFT0102T	Introduction to Food Microbiology	3	3	20	50	70	2.5 Hr.
		24BFT0102P	Introduction to Food Microbiology Lab	1	2	10	20	30	3 Hr.
Minor Course (MIC)	MIC-1	24MIN0127T	Landmark Discoveries in Microbiology	4	4	30	70	100	3 Hr.
Multidisciplinary Course (MDC)	MDC-1	24MDC0102T	Self-Management and Personality Development	3	3	25	50	75	2.5 Hr.
Ability Enhancement Course (AEC)	AEC-1	24AEC0102T	हिंदी भाषा का व्याकरणिक ज्ञान	2	2	15	35	50	2 Hr.
Skill Enhancement Course (SEC)	SEC-1	24SEC0116P	Processing of Fruits and Vegetables Lab	3	6	25	50	75	3 Hr.
Value Added Course (VAC)	VAC-1	24VAC0114T	Cyber Security	2	2	15	35	50	2 Hr.
Total Credits				22	26	170	380	550	

SEMESTER-II

Type of Course	Course Code	Nomenclature of Paper/Course	Credits	Contact Hours	Internal Marks	External Marks	Total Marks	Duration of Exam (Hr)	
Discipline Specific Course	DSC-A3	24BFT0201T	Basics of Nutrition and Health	4	4	30	70	100	3 Hr.
	DSC-A4	24BFT0202T	Food Composition and Analysis	3	3	20	50	70	2.5 Hr.
		24BFT0202P	Food Composition and Analysis Lab	1	2	10	20	30	3 Hr.
Minor Course (MIC)	MIC-2	24MIN0227T	Introductory Microbiology	4	4	30	70	100	3 Hr.
Multidisciplinary Course (MDC)	MDC-2	24MDC0212T	Statistical Methods	3	3	25	50	75	2.5 Hr.
Ability Enhancement Course (AEC)	AEC-2	24AEC0101T	English for Effective Communication-I	2	2	15	35	50	2 Hr.
Skill Enhancement Course (SEC)	SEC-2	24SEC0216P	Food Safety and Analysis Lab	3	6	25	50	75	2.5 Hr.
Value Added Course (VAC)	VAC-2	24VAC0101T	Environmental Studies - I	2	2	15	35	50	2 Hr.
Internship*				4				100	
			Total Credits	22+4	27+120	170	380	550+ 100	

*Note: Internship of 4 Credits of 4 Weeks duration after 2nd semester

Note: Undergraduate Certificate in Discipline with 48 Credits

Exit Option: Semester I&II : Undergraduate Certificate in Food Technology with 48 credits