

MGM University, Aurangabad – 431003

Approved Program Structure

Name of the College/Institute: Institute of Biosciences & Technology

Faculty of Basic & Applied Science

Name of the Program: B.Sc.(Hons) Food Nutrition & Dietetics

Approved by the Board of Studies on _____

Intake: 40 students

Program Approved vide Academic Council Meeting dt _____

Item No. -----

Program Type: UG Program

Duration: 8 Semesters

Curriculum Code: BT (this code will change when you change the Curriculum)

Eligibility: HSC Science of 10+2 equivalent program

Proposed Fees: Rs. 65,000/

Semester I

Course code*	Course Title	Type	Teaching Scheme			Evaluation Scheme						Minimum Passing						Credit		
						Internal			External			Total	Internal			External			Total	
						CA	MSE	TW	ESE	PR	CA		MSE	TW	ESE	PR				
	(Mandatory)		L	T	P	CA	MSE	TW	ESE	PR	Total	CA	MSE	TW	ESE	PR	Total			
BFN-111	English Communication Essentials	Audit	{2}	-	-	10	20	10	60	-	100	-	-	-	24	-	40	Audit		
BFN-112	Principles of Human Nutrition-I	Minor	2	-	-	10	20	10	60	-	100	-	-	-	24	-	40	2		
BFN-113	Human Anatomy & Physiology-I	Core	3	-	-	20	20	20	90	-	150	-	-	-	36	-	60	3		
BFN-114	Fundamentals of Food Science-I	Core	2	-	-	10	20	10	60	-	100	-	-	-	24	-	40	2		
BFN-115	Nutritional biochemistry-I	Minor	3	-	-	20	20	20	90	-	150	-	-	-	36	-	60	3		
BFN-116	Ethics and Nutrition	Minor	-	2	-	20	10	10	60	-	100	-	-	-	24	-	40	2		
UGL-01	Key Skills For Nutrition And Dietetics I	Core		-	6	20	25	15	90	60	150	-	-	-	36	24	60	3		
UGL-02	Practical Techniques In Human Nutrition	Core		-	6	20	25	15	90	60	150	-	-	-	36	24	60	3		
UGL-03	Micro Project-I	BRP	-	-	4	10	20	10	60	40	100	-	-	-	24	16	40	2		
UNC-01	Gandhian Thoughts	Audit	{2}	-	-	10	20	10	60	-	100	-	-	-	24	-	40	Audit		
UNC-02	Universal Human Values	Audit	{1}	-		10	10	-	30	0	50	-	-	-	12	0	20	Audit		
	Total		10{5}	2	16	110	140	90	750	160	1250							20		

Semester II

Course code*	Course Title	Type	Teaching Scheme			Evaluation Scheme						Minimum Passing						Credit
						Internal			External			Total	Internal			External		
			L	T	P	CA	MSE	TW	ESE	PR	CA		MSE	TW	ESE	PR		
	(Mandatory)																	
BFN-121	Phytochemicals & Catering Management	Minor	2	-	-	10	20	10	60	-	100	-	-	-	24	-	40	2
BFN-122	Principles of Human Nutrition-II	Core	2	-	-	10	20	10	60	-	100	-	-	-	24	-	40	2
BFN-123	Human Anatomy & Physiology-II	Core	3	-	-	20	20	20	90	-	150	-	-	-	36	-	60	3
BFN-124	Fundamentals of Food Science-II	Core	2	-	-	10	20	10	60	-	100	-	-	-	24	-	40	2
BFN-125	Personal And Professional Skill For Nutrition	Minor	3	-	-	20	20	20	90	-	150	-	-	-	36	-	60	3
BFN-126	Numerical & Fundametnals of Computer	Minor	2	0	-	10	20	10	60	-	100	-	-	-	24	-	40	2
UGL-01	Key Skills For Nutrition And Dietetics II	Core	-	-	6	20	25	15	90	60	150	-	-	-	36	24	60	3
UGL-02	Techniques In Dietetics And Nutritional Research	Core	-	-	6	20	25	15	90	60	150	-	-	-	36	24	60	3
UGL-03	Micro Project-II	BRP	-	-	4	10	20	10	60	40	100	-	-	-	24	16	40	2
UNC-01	Communication skills	Audit	{2}	-	-	10	20	10	60	-	100	-	-	-	24	-	40	Audit
	Total		14(2)	0	16	90	140	90	720	160	1200							22

Semester III

Course code*	Course Title	Type	Teaching Scheme			Evaluation Scheme						Minimum Passing						Credit
						Internal			External			Total	Internal			External		
			L	T	P	CA	MSE	TW	ESE	PR	CA		MSE	TW	ESE	PR		
	(Mandatory)																	
BFN-231	Principles of Food Nutrition-I	Core	2	-	-	10	20	10	60	-	100	-	-	-	24	-	40	2
BFN-232	Food Safety Preservation And Legislation	Minor	3	-	-	20	20	20	90	-	150	-	-	-	36	-	60	3
BFN-233	Basics of Research Methodology-I	Core	2	-	-	10	20	10	60	-	100	-	-	-	24	-	40	2
BFN-234	Field Survey & Report Writing	Minor	3	-	-	20	20	20	90	-	150	-	-	-	36	-	60	3
BFN-235	Academic Tutorials-III	AT	-	2	-	10	20	10	60	-	100	-	-	-	24	-	40	2
BFN-236	Seminar (Subject Base Seminar)	SBS	0	0	1	0	0	0	30	20	50	-	-	-	12	8	20	1
UGL-01	Practical Exploration And Food Science And Nutrition	Core	-	-	6	20	25	15	90	60	150	-	-	-	36	24	60	3
UGL-02	Analytical And Food Chemistry	Core	-	-	4	10	20	10	60	40	100	-	-	-	24	16	40	2
UGL-03	Processing And Sensory Evolution Of Food	Core	-	-	4	10	20	10	60	40	100	-	-	-	24	16	40	2
UGL-03	Mini Project (BRP	-	-	6	20	25	15	90	60	150	-	-	-	36	24	60	3
UNC-01	Environmental Studies	Audit	-	-	2	-	-	-	30	20	50	-	-	-	12	8	20	Audit
UNC-02	Gandhian Studies	Audit	-	-	2	-	-	-	30	20	50	-	-	-	12	8	20	Audit
	Total		8(4)	2	25	60	100	40	690	160	1150							23

Semester IV

Course code*	Course Title	Type	Teaching Scheme			Evaluation Scheme						Minimum Passing						Credit
						Internal			External			Total	Internal			External		
			L	T	P	CA	MSE	TW	ESE	PR	CA		MSE	TW	ESE	PR		
	(Mandatory)																	
BFN-241	Principles of nutrition Assessment-II	Minor	2	-	-	20	20	-	60	-	100	-	-	-	24	-	40	2
BFN-242	Nutrition Diagnosis and intervention	Minor	3	-	-	20	20	20	90	-	150	-	-	-	36	-	60	3
BFN-243	Basics of Reaearch Methodology-II	Core	3	-	-	20	20	20	90	-	150	-	-	-	36	-	60	3
BFN-244	Field Survey & Report Writing	Core	3	-	-	20	20	20	90	-	150	-	-	-	36	-	60	3
BFN-245	Academic Tutorials-IV	AT	-	2	-	10	20	10	60	-	100	-	-	-	24	-	40	2
UGL-01	Dietary Assessment Techniques For Dietician	Core	-	-	6	20	25	15	90	60	150	-	-	-	36	24	60	3
UGL-02	Clinical Nutrition And Dietetics (Case Study)	Core	-	-	6	20	25	15	90	60	150	-	-	-	36	24	60	3
UGL-03	Mini Project	BRP	-	-	6	20	25	15	90	60	150	-	-	-	36	24	60	3
BFN-246	Seminar (Subject Base Seminar)	SBS	0	0	1	0	0	0	30	20	50	-	-	-	12	8	20	1
	Total		11	2	19	90	100	70	690	200	1150							23

Semester V

Course code*	Course Title	Type	Teaching Scheme			Evaluation Scheme						Minimum Passing						Credit
						Internal			External			Total	Internal			External		
			L	T	P	CA	MSE	TW	ESE	PR	CA		MSE	TW	ESE	PR		
	(Mandatory)																	
BFN-351	Nutrition for health and fitness	Core	2	-	-	20	20	-	60	-	100	-	-	-	24	-	40	2
BFN-352	Food Microbiology & Toxication-I	Minor	2	-	-	20	20	-	60	-	100	-	-	-	24	-	40	2
BFN-353	Medical Nutrition Therapy-I	Core	2	-	-	20	20	-	60	-	100	-	-	-	24	-	40	2
BFN-354	Introduction to nutritional genomics	Core	2	-	-	20	20	-	60	-	100	-	-	-	24	-	40	2
BFN-355	Academic Tutorial-V	AT	-	2	-	10	20	10	60	-	100	-	-	-	24	-	40	2
UGL-01	Introduction To Physiology And Practical Skill	Core	-	-	6	20	25	15	90	60	150	-	-	-	36	24	60	3
UGL-02	Practical insights of Medical nutrition Therapy	Core	-	-	4	10	20	10	60	40	100	-	-	-	24	16	40	2
UGL-03	Mini Project	BRP	-	-	6	20	25	15	90	60	150	-	-	-	36	24	60	3
BFN-356	Seminar (Subject Base Seminar) Biostatistics & Scientific writing	SBS	1	-	-	10	10	-	30	-	50	-	-	-	12	-	20	1
BFN-357	Foregin Language	SCC	6	-	0	20	20	20	90	0	150	-	-	-	36	0	60	3
	Total		15	2	16	120	130	30	660	180	1100							22

Semester VI

Course code*	Course Title	Type	Teaching Scheme			Evaluation Scheme						Minimum Passing						Credit
						Internal			External			Total	Internal			External		
			L	T	P	CA	MSE	TW	ESE	PR	CA		MSE	TW	ESE	PR		
	(Mandatory)																	
BFN-361	Global Issues In Nutrition	Minor	3	-	-	20	20	20	90	-	150	-	-	-	36	-	60	3
BFN-362	Food Microbiology and toxication-II	Minor	2	-	-	20	20	-	60	-	100	-	-	-	24	-	40	2
BFN-363	Medical Nutrition Therapy-II	Core	3	-	-	20	20	20	90	-	150	-	-	-	36	-	60	3
BFN-364	Pediatric Nutrition	Core	3	-	-	20	20	20	90	-	150	-	-	-	36	-	60	3
BFN-365	Academic Tutorials-VI	AT	-	2	-	10	20	10	60	-	100	-	-	-	24	-	40	2
UGL-01	Diet Therapy (Case Study)	Core	-	-	4	10	20	10	60	40	100	-	-	-	24	16	40	2
UGL-02	Biostatistics and scientific writing	Core	-	-	6	20	25	15	90	60	150	-	-	-	36	24	60	3
UGL-03	Open Elective: Professional Practice In Dietetics And Nutrition	SOE	-	-	4	10	20	10	60	-	100	-	-	-	24	-	40	2
UGL-04	Mini Project	BRP	-	-	6	20	25	15	60	60	150	-	-	-	36	24	60	3
BFN-366	Seminar (Research Paper Based)	RBS	1	-	-	10	10	-	30	-	50	-	-	-	12	-	20	1
	Total		12	2	20	110	130	80	720	160	1200							24

Semester VII

Course code*	Course Title	Type	Teaching Scheme			Evaluation Scheme						Minimum Passing						Credit
						Internal			External			Total	Internal			External		
(Mandatory)			L	T	P	CA	MSE	TW	ESE	PR	CA		MSE	TW	ESE	PR	Total	
BFN-471	Space Nutrition & Planning	Core	2	-	-	20	20	-	60	-	100	-	-	-	24	-	40	2
BFN-472	Diabetes Management	Minor	3	-	-	20	20	20	90	-	150	-	-	-	36	-	60	3
BFN-473	Sports And Exercise Nutrition	Minor	3	-	-	20	20	20	90	-	150	-	-	-	36	-	60	3
UGL-01	Industrial Food Manufacture And Product Development	Core	-	-	6	20	25	15	90	60	150	-	-	-	36	24	60	3
UGL-02	Open Elective:Carrier Skills In Food & Nutrition	SOE	-	-	6	20	25	15	90	60	150	-	-	-	36	24	60	3
UGL-03	Major Project	BRP	-	-	14	45	45	50	210	140	350	-	-	-	84	56	140	7
BFN-474	Seminar (Research Paper Based)	RBS	2	0	-	10	10	-	30	-	50	-	-	-	12	-	20	1
	Total		10	-	26	70	70	40	660	260	1100							22

Semester VIII

Course code*	Course Title	Type	Teaching Scheme			Evaluation Scheme						Minimum Passing						Credit
						Internal			External			Total	Internal			External		
(Mandatory)			L	T	P	CA	MSE	TW	ESE	PR	CA		MSE	TW	ESE	PR	Total	
BFN-481	Hospital intership	SOE	2	-	-	20	20	-	60	-	100	-	-	-	24	-	40	2
UGL-01	2 case studies & Report submission	SOE	-	-	4	10	20	10	60	40	100	-	-	-	24	16	40	2
UGL-02	Big Idea	BRP	-	-	22	80	90	50	330	220	550	-	-	-	132	88	220	11
BFN-482	Seminar (Research Paper Based)	RBS	2	-	-	10	10	-	30	-	50	-	-	-	12	-	20	1
	Total		2	-	26	30	30	-	480	260	800							16

L- Lecture, T-Tutorial, P-Practical, CA- Continuous Assessment, MSE- Mid Semester Examination, ESE- End Semester Examination, PR-Practical, TW-Term Work