



B.TECH (FOOD TECHNOLOGY) PROGRAM

PARUL UNIVERSITY: FACULTY OF AGRICULTURE

Subject Teaching & Examination :

Course : BTech | Curriculum : - B.Tech - Food Te

Semester - 1

Code	Subject	Credit	Lect	Lab	Tut	Internal Evaluation			
						Theory Exam	External Practical Examination		Assignment
							Exam Marks	Practical Record	
20105101	English Language	2	1	2	-	30	10	5	5
20105102	General Microbiology	3	2	2	-	30	10	5	5
20105103	Engineering Mathematics-I	2	2	0	-	40	-	-	10
20105104	Engineering Drawing and Graphics	3	1	4	-	30	10	5	5

20105105	Electrical Engineering	3	2	2	-	30	10	5	5
20105106	Workshop Technology	3	1	4	-	30	10	5	5
20105107	Crop Production Technology	3	2	2	-	30	10	5	5
20105108	Environmental Sciences & Disaster Management	2	1	2	-	30	10	5	5
20193104	Communication Skill	1	0	2			100	-	-
Total		22	12	20	0				

B.TECH (FOOD TECHNOLOGY) PROGRAM



Subject Teaching & Examination :

Course : BTech | Curriculum : - B.Tech - Food Technology - 2020-

Semester - 2

						Internal Evaluation			
Code	Subject	Credit	Lect	Lab	Tut	Theory Exam	External Practical Examination		Assignment
							Exam Marks	Practical Record	
20105151	Food Chemistry of Macronutrients	3	2	2	-	30	10	5	5
20105152	Food Microbiology	3	2	2	-	30	10	5	5
20105153	Food Thermodynamics	3	2	1	-	30	10	5	5
20105154	Computer Programming and Data Structures	3	1	4	-	30	10	5	5
20105155	Fluid Mechanics	3	2	2	-	30	10	5	5
20105156	Basic Electronics Engineering	3	2	2	-	30	10	5	5

20105157	Engineering Mathematics-II	2	2	0	-	40	-	-	10
20105158	Post Harvest Engineering	3	2	2	-	30	10	5	5
20105159	NCC/NSS	1	0	1			100	-	-
Total		24	15	16	0				



B.TECH (FOOD TECHNOLOGY) PROGRAM

Subject Teaching & Examination

Course : BTech | Curriculum : - B.Tech - Food Technology - 2020-

Semester - 3

						Internal Evaluation			
Code	Subject	Credit	Lect	Lab	Tut	Theory Exam	External Practical Examination		Assignment
							Exam Marks	Practical Record	
20105201	Fundamentals of Food Processing	3	2	2	-	30	10	5	5
20105202	Processing Technology of Liquid Milk	2	1	2	-	30	10	5	5
20105203	Processing Technology of Cereals	3	2	2	-	30	10	5	5
20105204	Industrial Microbiology	3	2	2	-	30	10	5	5
20105205	Food Chemistry of Micronutrients	3	2	2	-	30	10	5	5
20105206	Heat and Mass Transfer in Food Processing	3	2	2	-	30	10	5	5

20105207	Unit Operations in Food Processing-I	3	2	2	-	30	10	5	5
20105208	Statistical Methods and Numerical Analysis	2	1	2	-	30	10	5	5
20105109	Physical Education	1	0	1			100	-	-
Total		23	14	17	0				



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Subject Teaching & Examination :

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Semester - 4

						Internal Evaluation			
Code	Subject	Credit	Lect	Lab	Tut	Theory Exam	External Practical Examination		Assignment
							Exam Marks	Practical Record	
20105251	Processing Technology of Dairy Products	3	2	2	-	30	10	5	5
20105252	Processing Technology of Legumes and Oilseeds	3	2	2	-	30	10	5	5
20105253	Food Biochemistry and Nutrition	3	2	2	-	30	10	5	5
20105254	Unit Operations in Food Processing-II	3	2	2	-	30	10	5	5
20105255	Food Biotechnology	3	2	2	-	30	10	5	5
20105256	Food Refrigeration and Cold Chain	3	2	2	-	30	10	5	5

20105257	Processing of Spices and Plantation Crops	3	2	2	-	30	10	5	5
20105258	Business Management and Economics	2	2	0	-	40	-	-	10
20193201	Communication Skill and Personality Development	1	0	2	-	-	100	-	-
	Total	24	16	16	0				



B.TECH (FOOD TECHNOLOGY) PROGRAM

Subject Teaching & Examination :

Course : BTech | Curriculum : - B.Tech - Food Technology - 2020-21

Semester - 5

						Internal Evaluation			
Code	Subject	Credit	Lect	Lab	Tut	Theory Exam	External Practical Examination		Assignment
							Exam Marks	Practical Record	
20105301	Processing Technology of Fruits and Vegetables	3	2	2	-	30	10	5	5
20105302	Processing of Meat and Poultry Products	3	2	2	-	30	10	5	5
20105303	Instrumental Techniques in Food Analysis	3	1	4	-	30	10	5	5
20105304	ICT Applications in Food Industry	3	1	4	-	30	10	5	5
20105305	Food Process Equipment Design	3	2	2	-	30	10	5	5

20105306	Food Storage Engineering	3	2	2	-	30	10	5	5
20105307	Bakery, Confectionery and Snack Products	3	2	2	-	30	10	5	5
20105308	Marketing Management and International Trade	2	2	0	-	40	-	-	10
20193301	Employability Skills	1	0	2	-	-	100	-	-
Total		24	14	20	0				



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Subject Teaching & Examination :

Course : BTech | Curriculum : - B.Tech - Food Technology - 2020-

Semester - 6

						Internal Evaluation			
Code	Subject	Credit	Lect	Lab	Tut	Theory Exam	External Practical Examination		Assignment
							Exam Marks	Practical Record	
20105351	Processing Technology of Beverages	3	2	2	-	30	10	5	5
20105352	Food Plant Sanitation	2	1	2	-	30	10	5	5
20105353	Food Packaging Technology and Equipment	3	2	2	-	30	10	5	5
20105354	Processing of Fish and Marine Products	3	2	2	-	30	10	5	5
20105355	Sensory Evaluation of Food Products	3	1	4	-	30	10	5	5
20105356	Food Additives and Preservatives	2	1	2	-	30	10	5	5

Code	Subject	Credit	Lect	Lab	Tut	Theory Exam	External Practical Examination		Assignment
							Exam Marks	Practical Record	
20105401	Designing Engineering	2	2	0	-	40	-	-	10
20105408	Financial management and cost accounting	3	2	2	-	30	10	5	5
20105402	Entrepreneurship Development	3	2	2	-	30	10	5	5
20105403	Student READY - Experiential Learning Programme	7	0	14	-	-	100	-	-
20105404	Student READY - Experiential Learning Programme	7	0	14	-	-	100	-	-
20105405	Student READY - Research Project	3	0	6	-	-	100	-	-
20105406	Student READY - Seminar	1	0	2	-	-	100	-	-
	Total	26	6	40	0				



B.TECH (FOOD TECHNOLOGY) PROGRAM



Subject

Course : BTech | Curriculum : - B.Tech - Food Technology - 2020-

Semester - 8

							Internal Evaluation (%)		
Code	Subject	Credit	Lect	Lab	Tut				
20105451	Student READY - Industrial Tour								
20105452	Student READY - Internship/In-Plant Training	20	0	40		-	600	-	-
Total		22	0	44	-				

*- Evaluation systems for Hands on Training, Experiential Learning and In-plant training is different

* Elective Courses

PARUL UNIVERSITY

WAGHODIA, VADODARA

Scheme

chnology - 2020-21

External Evaluation	Total Marks	Total Passing Marks (Minimum 50%)
External Theory Marks		
50	100	50
50	100	50
50	100	50
50	100	50

50	100	50
50	100	50
50	100	50
50	100	50
-	100	50
	800	

PARUL UNIVERSITY

WAGHODIA, VADODARA

Scheme

50	100	50
50	100	50
-	100	50
	900	

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WAGHODIA, VADODARA

Scheme

50	100	50
50	100	50
-	100	50

	900	
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WAGHODIA, VADODARA

Scheme

21

External Evaluation	Total Marks	Total Passing Marks (Minimum 50%)
External Theory Marks		
50	100	50
50	100	50
50	100	50
50	100	50
50	100	50
50	100	50

50	100	50
50	100	50
-	100	50
	900	

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WAGHODIA, VADODARA

Scheme

21

External Evaluation	Total Marks	Total Passing Marks (Minimum 50%)
External Theory Marks		
50	100	50
50	100	50
50	100	50
50	100	50
50	100	50

50	100	50
50	100	50
50	100	50
-	100	50
	800	

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WAGHODIA, VADODARA

Scheme

External Evaluation	Total Marks	Total Passing Marks (Minimum 50%)
External Theory Marks		
50	100	50
50	100	50
50	100	50
50	100	50
50	100	50
50	100	50

50	100	50
50	100	50
50	100	50
	800	

PARUL UNIVERSITY

WAGHODIA, VADODARA

Scheme

21

External Evaluation	Total Marks	Total Passing Marks (Minimum 50%)
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External Theory Marks		
50	100	50
50	100	50
50	100	50
-	100	50
-	100	50
-	100	50
-	100	50
	700	

PARUL UNIVERSITY

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Teaching & Examination Scheme

21

	Total Marks	Total Passing Marks (Minimum 50%)
-	100	50
-	600	300
	700	

