



# **First Year Teaching Scheme**

**Admission Year 2026-27**

**M. Tech**

**Food Technology**

**Faculty of Agriculture**

**Parul Institute of Technology**

**Parul University**

**Vadodara, Gujarat, India**

Semester - 1																		
						Internal				External				Total				Total Mark
						Theory		Practical		Theory		Practical		Theory (Internal + External)		Practical (Internal + External)		
Code	Subject	Credi	Lect	Lab	Tut	Max	Passi	Max	Passi	Max	Passi	Max	Passi	Max	Passi	Max	Passi	
20201101	Emerging Technologies in Food Processing	3	2	2	-	30	0	20	-	50	0	-	-	100	60	-	-	100
20201102	Nutraceuticals and Specialty Foods	3	2	2	-	30	0	20	-	50	0	-	-	100	60	-	-	100
20201103	Food Material and Product Properties	3	2	2	-	30	0	20	-	50	0	-	-	100	60	-	-	100
20201104	Advanced Food Chemistry	3	2	2	-	30	0	20	-	50	0	-	-	100	60	-	-	100
20201105	Food Safety and Storage Engineering	3	2	2	-	30	0	20	-	50	0	-	-	100	60	-	-	100
20201106	Food Business Management	2	2	0	-	50	0	0	-	50	0	-	-	100	60	-	-	100
20201107	Library and Information Services*	1	0	2	-	0	0	100	-	0	0	-	-	100	60	-	-	100
20201108	Basic Concepts in Laboratory Techniques*	1	0	2	-	0	0	100	-	0	0	-	-	100	60	-	-	100
<b>Total</b>		<b>19</b>	<b>12</b>	<b>14</b>	<b>0</b>	<b>200</b>	<b>0</b>	<b>300</b>	<b>0</b>	<b>300</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>800</b>	<b>480</b>	<b>0</b>	<b>0</b>	<b>800</b>

**Lect - Lecture, Tut - Tutorial, Lab - Lab, T - Theory, P - Practical, CE - CE, T - Theory, P - Practical**  
**Theory Passing % : 60 Practical Passing % : 60**

Semester - 2																		
						Internal				External				Total				Total Marks
						Theory		Practical		Theory		Practical		Theory (Internal + External)		Practical (Internal + External)		
Code	Subject	Credit	Lect	Lab	Tut	Max	Passing	Max	Passing	Max	Passing	Max	Passing	Max	Passing	Max	Passing	
20201151	Emerging Technologies in Food Packaging	3	2	2	-	30	0	20	-	50	0	-	-	100	60	-	-	100
20201152	Food Process Automation and Modeling	2	2	0	-	50	0	0	-	50	0	-	-	100	60	-	-	100
20201153	Flavor Chemistry & Technology	3	2	2	-	30	0	20	-	50	0	-	-	100	60	-	-	100
20201154	Global Food Laws and Regulations	2	2	0	-	50	0	0	-	50	0	-	-	100	60	-	-	100
20201155	Food Safety Management System & Certification	2	2	0	-	50	0	0	-	50	0	-	-	100	60	-	-	100
20201156	Research Methodology	2	2	0	-	50	0	0	-	50	0	-	-	100	60	-	-	100
20201157	Technical Writing and Communications Skills*	1	0	2	-	0	0	100	-	0	0	-	-	100	60	-	-	100
20201158	Intellectual Property and its management in Agriculture*	1	1	0	-	50	0	0	-	50	0	-	-	100	60	-	-	100
20201159	Seminar	1	0	2		0	0	100	-	0	0	-	-	100	60	-	-	100
	<b>Total</b>	<b>17</b>	<b>13</b>	<b>8</b>		<b>310</b>	<b>0</b>	<b>240</b>		<b>350</b>	<b>0</b>			<b>900</b>	<b>540</b>			<b>900</b>

Lect - Lecture, Tut - Tutorial, Lab - Lab, T - Theory, P - Practical, CE - CE, T - Theory, P - Practical  
**Theory Passing % : 60 Practical Passing % : 60**