



Dr. Babasaheb Ambedkar Marathwada University
University Campus, Aurangabad-431004, Maharashtra(India)

Paper Assessment Scheme

For

**Under Graduate Course,
For 4 Year(s) Bachelor Degree Program In**

Faculty of Engineering & Technology

**B.Tech. (Chemical)(B.Tech. (Chemical))
(Credits System)**

(June-2011-Regular)

Food Technology

Course Code: EN-2021

Paper Name: Lab II - Applied Science									
Paper Code: BSH-122 Min: 0 Max: 50									
TLM	Hrs	Credits	AM	Min	Max	AT	Min	Max	Evaluation System
Laboratory	2	1.00	Teachers Assessment	-	50	UA	20	50	Marks System
Paper Name: Lab III - Organic Chemistry-I									
Paper Code: BSH-123 Min: 0 Max: 50									
TLM	Hrs	Credits	AM	Min	Max	AT	Min	Max	Evaluation System
Laboratory	2	1.00	Teachers Assessment	-	50	UA	20	50	Marks System
Paper Name: Lab IV - Computer Fundamentals and Programming									
Paper Code: BSH-124 Min: 0 Max: 50									
TLM	Hrs	Credits	AM	Min	Max	AT	Min	Max	Evaluation System
Laboratory	2	1.00	Teachers Assessment	-	50	UA	20	50	Marks System
Paper Name: Lab V - Development of Skills-I									
Paper Code: SCD-141 Min: 0 Max: 50									
TLM	Hrs	Credits	AM	Min	Max	AT	Min	Max	Evaluation System
Laboratory	2	1.00	Teachers Assessment	-	50	UA	20	50	Marks System

Term: Second Semester Separate Passing Head: No, Min Papers: 11, Max Papers: 11, Min: 0, Max: 800, Total Credits: 27.00

The papers under Second Semester are as follows:

Paper Name: Engineering Mathematics-II									
Paper Code: BSH-151 Min: 40 Max: 100									
TLM	Hrs	Credits	AM	Min	Max	AT	Min	Max	Evaluation System
Lectures	3	4.00	Class Test	-	20	UA	-	20	Marks System
			Theory	-	80	UA	28	80	Marks System
Paper Name: Physics									
Paper Code: BSH-152 Min: 40 Max: 100									
TLM	Hrs	Credits	AM	Min	Max	AT	Min	Max	Evaluation System
Lectures	3	4.00	Class Test	-	20	UA	-	20	Marks System
			Theory	-	80	UA	28	80	Marks System
Paper Name: Organic Chemistry-II									
Paper Code: BSH-153 Min: 40 Max: 100									
TLM	Hrs	Credits	AM	Min	Max	AT	Min	Max	Evaluation System
Lectures	3	4.00	Class Test	-	20	UA	-	20	Marks System
			Theory	-	80	UA	28	80	Marks System
Paper Name: Biological Science									
Paper Code: BSH-154 Min: 40 Max: 100									
TLM	Hrs	Credits	AM	Min	Max	AT	Min	Max	Evaluation System
Lectures	3	4.00	Class Test	-	20	UA	-	20	Marks System
			Theory	-	80	UA	28	80	Marks System
Paper Name: Basic Mechanical Engineering									
Paper Code: BED-155 Min: 40 Max: 100									
TLM	Hrs	Credits	AM	Min	Max	AT	Min	Max	Evaluation System
Lectures	3	4.00	Class Test	-	20	UA	-	20	Marks System
			Theory	-	80	UA	28	80	Marks System

Paper Name: Food Microbiology									
Paper Code: FTD-204 Min: 40 Max: 100									
TLM	Hrs	Credits	AM	Min	Max	AT	Min	Max	Evaluation System
Lectures	3	3.00	Class Test	-	20	CA	-	20	Marks System
			Theory	-	80	UA	28	80	Marks System
Paper Name: Food Chemistry-I									
Paper Code: FTD-205 Min: 40 Max: 100									
TLM	Hrs	Credits	AM	Min	Max	AT	Min	Max	Evaluation System
Lectures	3	3.00	Class Test	-	20	CA	-	20	Marks System
			Theory	-	80	UA	28	80	Marks System
Paper Name: Engineering Mathematics-III									
Paper Code: BSH-206 Min: 20 Max: 50									
TLM	Hrs	Credits	AM	Min	Max	AT	Min	Max	Evaluation System
Lectures	2	2.00	Class Test	-	10	CA	-	10	Marks System
			Theory	-	40	UA	14	40	Marks System
Paper Name: Lab I-Food Microbiology									
Paper Code: FTD-221 Min: 20 Max: 50									
TLM	Hrs	Credits	AM	Min	Max	AT	Min	Max	Evaluation System
Laboratory	4	2.00	Practical	-	25	UA	-	25	Marks System
			Teachers Assessment	-	25	CA	-	25	Marks System
Paper Name: Lab II-Food Chemistry-I									
Paper Code: FTD-222 Min: 20 Max: 50									
TLM	Hrs	Credits	AM	Min	Max	AT	Min	Max	Evaluation System
Laboratory	4	2.00	Practical	-	25	UA	-	25	Marks System
			Teachers Assessment	-	25	CA	-	25	Marks System
Paper Name: Lab III-Fluid Mechanics									
Paper Code: CED-223 Min: 20 Max: 50									
TLM	Hrs	Credits	AM	Min	Max	AT	Min	Max	Evaluation System
Laboratory	4	2.00	Practical	-	25	UA	-	25	Marks System
			Teachers Assessment	-	25	CA	-	25	Marks System
Paper Name: Lab IV-Chemical Engineering Thermodynamics									
Paper Code: CED-224 Min: 0 Max: 50									
TLM	Hrs	Credits	AM	Min	Max	AT	Min	Max	Evaluation System
Laboratory	2	1.00	Teachers Assessment	-	50	CA	20	50	Marks System
Paper Name: Lab V-Workshop Technology									
Paper Code: BED-225 Min: 0 Max: 50									
TLM	Hrs	Credits	AM	Min	Max	AT	Min	Max	Evaluation System
Laboratory	2	1.00	Teachers Assessment	-	50	CA	20	50	Marks System

Term: Fourth Semester Separate Passing Head: No, Min Papers: 11, Max Papers: 11, Min: 0, Max: 800, Total Credits: 27.00

The papers under Fourth Semester are as follows:

Paper Name: Process Utilities and Mechanical Operations									
Paper Code: CED-251 Min: 40 Max: 100									
TLM	Hrs	Credits	AM	Min	Max	AT	Min	Max	Evaluation System
Lectures	3	3.00	Class Test	-	20	CA	-	20	Marks System
			Theory	-	80	UA	28	80	Marks System

Paper Name: Lab X-Food Processing Technology-I									
Paper Code: FTD-275 Min: 20 Max: 50									
TLM	Hrs	Credits	AM	Min	Max	AT	Min	Max	Evaluation System
Laboratory	4	2.00	Practical	-	25	UA	-	25	Marks System
			Teachers Assessment	-	25	CA	-	25	Marks System


Course Part: Third Year Separate Passing Head: No, Min: 0, Max: 1600, Total Credits: 54.00

Term: Fifth Semester Separate Passing Head: No, Min Papers: 11, Max Papers: 11, Min: 0, Max: 800, Total Credits: 27.00

The papers under Fifth Semester are as follows:

Paper Name: Mass Transfer Operation									
Paper Code: CED-301 Min: 40 Max: 100 ✓									
TLM	Hrs	Credits	AM	Min	Max	AT	Min	Max	Evaluation System
Lectures	✓ 4	✓ 4.00	Class Test	-	20	CA	-	✓ 20	Marks System
			Theory	-	80	UA	28	✓ 80	Marks System
Paper Name: Industrial Pollution Control									
Paper Code: CED-302 Min: 40 Max: 100 ✓									
TLM	Hrs	Credits	AM	Min	Max	AT	Min	Max	Evaluation System
Lectures	✓ 3	✓ 3.00	Class Test	-	20	CA	-	✓ 20	Marks System
			Theory	-	80	UA	28	✓ 80	Marks System
Paper Name: Food Packaging Technology									
Paper Code: FTD-303 Min: 40 Max: 100 ✓									
TLM	Hrs	Credits	AM	Min	Max	AT	Min	Max	Evaluation System
Lectures	✓ 3	✓ 3.00	Class Test	-	20	CA	-	✓ 20	Marks System
			Theory	-	80	UA	28	✓ 80	Marks System
Paper Name: Food Processing Technology-II(Milk & Milk Products)									
Paper Code: FTD-304 Min: 40 Max: 100 ✓									
TLM	Hrs	Credits	AM	Min	Max	AT	Min	Max	Evaluation System
Lectures	✓ 3	✓ 3.00	Class Test	-	20	CA	-	✓ 20	Marks System
			Theory	-	80	UA	28	✓ 80	Marks System
Paper Name: Food Processing Technology-III(Cereal, legume & oil seeds Processing)									
Paper Code: FTD-305 Min: 40 Max: 100 ✓									
TLM	Hrs	Credits	AM	Min	Max	AT	Min	Max	Evaluation System
Lectures	✓ 3	✓ 3.00	Class Test	-	20	CA	-	✓ 20	Marks System
			Theory	-	80	UA	28	✓ 80	Marks System
Paper Name: Food Biotechnology									
Paper Code: FTD-306 Min: 20 Max: 50 ✓									
TLM	Hrs	Credits	AM	Min	Max	AT	Min	Max	Evaluation System
Lectures	✓ 2	✓ 2.00	Class Test	-	10	CA	-	✓ 10	Marks System
			Theory	-	40	UA	14	✓ 40	Marks System
Paper Name: Lab I-Mass Transfer Operation									
Paper Code: CED-321 Min: 20 Max: 50 ✓									
TLM	Hrs	Credits	AM	Min	Max	AT	Min	Max	Evaluation System
Laboratory	✓ 4	✓ 2.00	Practical	-	25	UA	-	✓ 25	Marks System
			Teachers Assessment	-	25	CA	-	✓ 25	Marks System

Paper Name: Food Safety & Quality									
Paper Code: FTD-356 Min: 20 Max: 50									
TLM	Hrs	Credits	AM	Min	Max	AT	Min	Max	Evaluation System
Lectures	2	2.00	Class Test	-	10	CA	-	10	Marks System
			Theory	-	40	UA	14	40	Marks System
Paper Name: Lab VI- Instrumentation & Process Control									
Paper Code: CED-371 Min: 20 Max: 50									
TLM	Hrs	Credits	AM	Min	Max	AT	Min	Max	Evaluation System
Laboratory	3	1.00	Practical	-	25	UA	-	25	Marks System
			Teachers Assessment	-	25	CA	-	25	Marks System
Paper Name: Lab VII-Chemical Process Technology									
Paper Code: CED-372 Min: 20 Max: 50									
TLM	Hrs	Credits	AM	Min	Max	AT	Min	Max	Evaluation System
Laboratory	3	1.00	Practical	-	25	UA	-	25	Marks System
			Teachers Assessment	-	25	CA	-	25	Marks System
Paper Name: Lab VIII-Food Processing Technology-IV (Meat, fish & Poultry Processing)									
Paper Code: FTD-373 Min: 20 Max: 50									
TLM	Hrs	Credits	AM	Min	Max	AT	Min	Max	Evaluation System
Laboratory	4	2.00	Practical	-	25	UA	-	25	Marks System
			Teachers Assessment	-	25	CA	-	25	Marks System
Paper Name: Lab IX-Bakery & Confectionary Technology									
Paper Code: FTD-374 Min: 20 Max: 50									
TLM	Hrs	Credits	AM	Min	Max	AT	Min	Max	Evaluation System
Laboratory	4	2.00	Practical	-	25	CA	-	25	Marks System
			Teachers Assessment	-	25	UA	-	25	Marks System
Paper Name: Lab X-Food Processing Technology-V(Species and Flavor Technology)									
Paper Code: FTD-375 Min: 20 Max: 50									
TLM	Hrs	Credits	AM	Min	Max	AT	Min	Max	Evaluation System
Laboratory	3	2.00	Practical	-	25	UA	-	25	Marks System
			Teachers Assessment	-	25	CA	-	25	Marks System

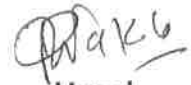

HEAD
 Department of Chemical Technology
 Dr. Babasaheb Ambedkar Marathwada
 University, Aurangabad-431 004

2.6.3

Certificate

This is to certify that passing of B. Tech. (Chemical) Academic Year 2017-18 as given below –

Sr. No.	Years	Total No. Students appeared exam	Total No. of students passed	Percentage of Passing
1	B. Tech. First Year	19	10	52 %
2	B. Tech. Second Year	28	17	60.71 %
3	B. Tech. Third Year	27	25	92.59 %
4	B. Tech. Fourth Year	28	18	90 %
5	M. Tech. First Year	02	02	100 %


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