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Dr. Babasaheb Ambedkar Marathwada University, Aurangabad



University Department of Chemical Technology
(Faculty of Engineering & Technology)
University Campus, Aurangabad-431 004 (M.S.) India



Off : 0240-2403308
Fax: 0240-2400413

E-mail : head.chemtech@bamu.net
Website: www.bamu.ac.in

Ref. No. : Chem. Tech.

Date : 14/06/2018

This is to certify that following changes has been made in the syllabus revision of B. Tech. First Year in non-CGPA (60-40 pattern) and ~~CES~~ system in the year 2011-12

Sr. No.	Subject before Revision	Subject after revision	Percentage change in the syllabus	New Subjects added in the revision
First Year				
1	Mathematics-I	Engineering Mathematics-I	25%	Environment & Ecology
2	Communication Skills	Development of Skills-I	30%	
3	Organic Chemistry-I	Organic Chemistry-I	30%	
4	Physical Chemistry	Applied Science	40%	
5	Inorganic Chemistry			
6	Computer Applications	Computer Fundamentals and Programming	30%	
7	Physics	Physics	25%	
8	Basic Civil Engineering	Basic Civil Engineering	35%	
9	Engineering Graphics	Engineering Graphics	20%	

Dr. P. S. Wakte

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This is to certify that following changes has been made in the syllabus revision of B. Tech. Second Year in non-CGPA (60-40 pattern) and **CBS** system in the year 2012-13

Sr. No.	Subject before Revision	Subject after revision	Percentage change in the syllabus	New Subjects added in the revision
Second Year				
1	Mathematics-II	Engineering Mathematics-II	25%	Food Processing Technology- I (Fruits & Vegetable Processing)
2	Process Calculations	Process Calculation	30%	Food Chemistry-II
3	Fluid Mechanics	Fluid Mechanics	30%	Cosmetic Technology
4	Basic Mechanical Engineering	Basic Mechanical Engineering	40%	
5	Basic Electrical & Electronics Engineering	Basic Electricals & Electronics Engineering	25%	
6	Organic Chemistry-II	Organic Chemistry-II	30%	
7	Heat Transfer	Heat Transfer	25%	
8	Mechanical Operation	Process Utilities and Mechanical Operations	35%	
9	Chemical Engg. Thermodynamics	--		
10	Biochemistry & Microbiology	Biological Science	30%	
11	Chemistry of Food constituents	Food Chemistry-I	25%	

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This is to certify that following changes has been made in the syllabus revision of B. Tech. Third Year in non-CGPA (60-40 pattern) and ~~CBS~~ system in the year 2013-14

Sr. No.	Subject before Revision	Subject after revision	Percentage change in the syllabus	New Subjects added in the revision
Third Year				
1	Mathematics-III	Engineering Mathematics-III	25%	Food Processing Technology- II (Milk & Milk Products)
2	Organic Chemistry -III		30%	Pharmacognosy
3	Chemical Reaction Engg. & Mass transfer Operation	Mass Transfer Operation	30%	Food Processing Technology-IV (Spices and flavor Tech.)
4	Physical Pharmacy	Physical Pharmacy	40%	Food Processing Technology-III (Cereal, legume & oil seeds Processing)
5	Bio-Chemistry of food	Food Bio-Chemistry and Nutrition	25%	Food Biotechnology
6	Pharmaceutics-I	Pharmaceutics-I	30%	Pharmaceutical Biotechnology
7	Food Microbiology	Food Microbiology	25%	Pharmaceutical Analysis-II
8	Industrial Pollution Control	Industrial Pollution Control	35%	Bakery & Confectionary Technology
9	Chemical Process Industries	Chemical Process Technology		Phytochemistry
10	Instrumentation & Process Control	Instrumentation & Process Control	30%	Food Safety and quality
11	Pharmacology	Physiopharmacology-II	25%	Food Processing Technology-V (Meat, fish & Poultry Processing)
12	Food Packaging	Food Packaging Technology	20%	Biopharmaceutics

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This is to certify that following changes has been made in the syllabus revision of B. Tech. Final Year in non-CGPA (60-40 pattern) and CBCS system in the year 2014-2015.

Sr. No.	Subject before Revision (60-40)	Subject after revision (CBCS)	Percentage change in the syllabus	New Subjects added in the revision
Final Year				
1	Plant Design & Project Engineering	Plant Design & Project Engineering	25%	Chemical Reaction Engineering
2	Economics & Industrial Management	Industrial Safety & Management	30%	Food Analysis
3	Pharmaceutical Chemistry – I	Medicinal Chemistry-I	30%	Applied Statistics
4	Principle of food processing	Principles of Food Processing	40%	Project-I
5	Pharmaceutics- II	Pharmaceutics-II	25%	Project - II
6	Post harvest technology & plant food	--	30%	In-Plant Training
7	Elective	Elective - Special Technology*	25%	In plant Training Report & Seminar
8	Pharmaceutical Chemistry - II	Medicinal Chemistry-II	35%	Project Report & Seminar
9	Technology of Bakery, Confectionery & Pastry Product	--		
10	Pharmaceutics III & Pharmaceutical Analysis	Pharmaceutical Analysis - I	30%	
11	Process Technology of Food from Animal origin	--	25%	
12	Phyto Pharmaceuticals & Biotechnology	Phytopharmaceutical Technology	20%	
13	Technology of Fermented food	--	25%	

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