

Revised curriculum for B.Tech in CST (2015 batch)									
SEMESTER I					SEMESTER II				
	1	2	3	4	5	6	7	8	9
1	CE111	Engineering Drawing			1	0	3	5	
2	EE101	Electrical Sciences							
3	HS103	Communicative English for Engineers							
4	MA101	Mathematics – I							
7	ME110	Workshop – I							
6	PH101	Physics							
7	PH110	Physics Laboratory							
8		NCC/NSS							
	TOTAL				12	3.5	10	41	
SEMESTER III									
1	MA201	Mathematics – III							
2	HS2nn	HSS Elective – I							
3	CB201	Organic Process Calculations							
4	CH209	Organic Chemistry							
5	CH205	Introduction to Quantum Chemistry							
6	CH207	Polymer Chemistry							
	TOTAL				17	2	0	38	
SEMESTER IV									
1	HS2nn	HSS Elective – II							
2	XX2nn	Open Elective-I							
3	CH202	Inorganic Chemistry							
4	ME212	Fluid Mechanics							
5	CH208	Chemical Thermodynamics and Equilibrium							
6	CH212	Medicinal Chemistry & Drug Design							
7	CH220	Chemical Technology Lab-I							
	TOTAL				18	0	5	41	
SEMESTER V									
1	XX3nn	Open Elective – II							
2	CH303	Chemical Kinetics and Electrochemistry							
3	ME311	Heat and Mass Transfer							
4	CH305	Biochemistry and Biotechnology							
5	CB301	Chemical Reaction Engineering							
6	CB314	Unit Operations and Heat Transfer Lab							
7	CH310	Chemical Technology Lab II							
	TOTAL				15	0	8	38	
SEMESTER VI									
1	HS3nn	HSS Elective – III							
2	CB315	Process Control and Instrumentation							
3	CH305	Computational Chemistry							
4	CH308	Dyes, Pigments and Polymers							
5	CB315	Reaction Engineering and Chemical Process Lab							
6	CH320	Chemical Technology Lab III							
7	CH312	Analytical Techniques in Chemistry							
	TOTAL				14	0	7	35	
SEMESTER VII									
1	XX4nn	Open Elective – III							
2	CH401	Catalysis							
3	CHXXX	Departmental Elective-I							
4	CHXXX	Departmental Elective – II							
5	CH498	Project-I							
	TOTAL				12	0	6	30	
SEMESTER VIII									
1	CHXXX	Departmental Elective-III							
2	CHXXX	Departmental Elective-IV							
3	CH499	Project - II							
	TOTAL				6	0	18	30	
Grand Total									
					109	9	63	298	

10-03-2017

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