



# Sri Satya Sai University of Technology & Medical Sciences, Sehore (M.P.)

## Scheme of Examination

### Seventh Semester – B.E.(Chemical Engineering)

S.No	Sub Code	Subject Name	Max Marks Theory			Max. Marks Practical			Total Marks	Credits Allotted			Total Credits
			End Sem Exam	Mid Sem MST (Two tests average)	Quiz - Assignment	End Sem Practical/ Viva	Term Work			L	T	P	
							Lab work & sessional	Assignment/ quiz					
1	CM-701	Elective-I	70	20	10	-	-	-	100	3	1	-	4
2	CM-702	Elective-II	70	20	10	-	-	-	100	3	1	-	4
3	CM-703	Process Equipment Design - II	70	20	10	30	10	10	150	3	1	2	6
4	CM-704	Chemical Reaction Engineering-II	70	20	10	30	10	10	150	3	1	2	6
5	CM-705	Environmental Engineering	70	20	10	30	10	10	150	3	1	2	6
6	CM-706	Minor Project	-	-	-	50	-	50	100	0	0	4	4
7	CM-707	Industrial Training (2Week) & Seminar	-	-	-	30	10	10	50	0	0	2	2
<b>TOTAL</b>			<b>350</b>	<b>100</b>	<b>50</b>	<b>170</b>	<b>40</b>	<b>90</b>	<b>800</b>	<b>15</b>	<b>5</b>	<b>12</b>	<b>32</b>

L: Lecture- T: Tutorial- P: Practical

w.e.f. July- 2017

#### Elective – I

CM 701 (A) Petroleum Processing Technology  
 CM 701 (B) Safety Engineering and Hazard Management  
 CM 701 (C) Pharmaceutical Technology

#### Elective – II

CM 702 (A) Transport Phenomena  
 CM 702 (B) Polymer Technology  
 CM 702 (C) Novel Separation Techniques



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			End Sem Exam	Mid Sem MST (Two tests average)	Quiz - Assignment	End Sem Practical/ Viva	Term Work			L	T	P	
							Lab work & sessional	Assignment/ quiz					
1	CM-801	Elective-III	70	20	10	-	-	-	100	3	1	-	4
2	CM-802	Entrepreneurship Management and Economics	70	20	10	-	-	-	100	3	1	-	4
3	CM-803	Bioprocess Technology	70	20	10	30	10	10	150	3	1	2	6
4	CM-804	Chemical Process modeling and Simulation	70	20	10	30	10	10	150	3	1	2	6
5	CM-805	Major Project	-	-	-	100	-	100	200	0	0	8	8
6	CM-806	Computing Technique for Chemical Processes	-	-	-	30	10	10	50	0	0	2	2
7	CM-807	Comprehensive Viva	-	-	-	-	-	50	50	0	0	2	2
<b>TOTAL</b>			<b>280</b>	<b>80</b>	<b>40</b>	<b>190</b>	<b>30</b>	<b>180</b>	<b>800</b>	<b>12</b>	<b>4</b>	<b>16</b>	<b>32</b>

L: Lecture- T: Tutorial- P: Practical

w.e.f. July- 2017

#### Elective – III

CM 801 (A) Process Piping Design

CM 801 (B) Cryogenic Engineering

CM 801 (C) Energy management in Processes