



ADHIYAMAAN COLLEGE OF ENGINEERING

(Autonomous)

Affiliated to Anna University – Chennai & Approved by AICTE – New Delhi.

Accredited by NAAC & NBA - UGC, New Delhi


1.1.2 - Number of Programmes where syllabus revision was carried out during the last five years

B. Tech. - CHEMICAL ENGINEERING

R-2015 vs R-2018

Sl. No	Course Code	Course Name	% of Change	Weightage
1	118ENT01	Technical English	20%	0.2
2	118MAT02	Engineering Mathematics-I	20%	0.2
3	118PHT03	Engineering Physics	10%	0.1
4	118CYT04	Engineering Chemistry	30%	0.3
5	118CYP07	Engineering Chemistry Laboratory	30%	0.3
6	118EPP08	Engineering Practice Laboratory	20%	0.2
7	218ENT01	Communicative English	90%	0.9
8	218MAT02	Engineering Mathematics-II	20%	0.2
9	218GET03	Environmental Science and Engineering	100%	1
10	218PPT05	Problem Solving and Python Programming	100%	1
11	218PPP08	Problem Solving and Python Programming Lab.	100%	1
12	218ESE08	Chemistry for Technologists	100%	1
13	318CHT02	Organic Chemistry	35%	0.35
14	318CHT03	Chemical Process Calculations	40%	0.4
15	318CHT04	Instrumental Methods of Analysis	40%	0.4
16	318CHP08	Technical analysis laboratory	50%	0.5
17	318CHE08	Analytical Chemistry	60%	0.6
18	418NMT01	Numerical Methods	5%	0.05
19	418CHT02	Physical Chemistry	40%	0.4
20	418CHT04	Chemical Engineering Fluid Mechanics	40%	0.4
21	418CHT05	Mechanical Operations	40%	0.4
22	418MCT01	Indian Constitution	100%	1
23	518PST01	Probability and Statistics	100%	1
24	518CHT03	Heat Transfer	20%	0.2
25	518CHP08	Chemical Engineering computation Laboratory	30%	0.3

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Sl. No	Course Code	Course Name	% of Change	Weightage
26	518BTO06	Environmental Biotechnology	100%	1
27	518MEO01	Finite Element Analysis	100%	1
28	518CHE08	Introduction to colloidal science and Interfacial Engineering	100%	1
29	518CHP07	Heat Transfer Laboratory	20%	0.2
30	618CHT02	Chemical Reaction Engineering- I	100%	1
31	618CHT03	Process Dynamics and Control	20%	0.2
32	618CHP09	Chemical Process Equipment Design & drawing Lab-I	40%	0.4
33	618CHE01	Energy conservation and Management in process industries	30%	0.3
34	618CHE03	Pulp and Paper Technology	20%	0.2
35	618BTO04	Health and Pharmaceutical Biotechnology	100%	1
36	718CHT01	Chemical Reaction Engineering- II	100%	1
37	718CHP07	Chemical Reaction Engineering Laboratory	10%	0.1
38	718CHP08	Chemical Process Equipment Design & drawing Lab-II	40%	0.4
39	718CHP09	Chemical Engineering simulation Laboratory	100%	1
40	818CHE01	Fermentation Engineering	30%	0.3
41	818CHE08	Bioreactor Design	30%	0.3
42	818CHE05	Air Pollution Control and Design of Equipment	25%	0.25
Total weightage				22.05
(Total weightage of R-2015 vs R-2018/ No of Courses in R2018) *100 = 22.05/105) *100				
= 21%				
Total Change (%) = 21%				


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