



**C. U. SHAH UNIVERSITY, Wadhwan City**

**Name of Program : B. Sc.**

**Name of Branch : Che/Phy/Maths/Botany**

**Semester : IV**

**W.E.F. – June 2014**

## **Teaching and Evaluation Scheme**

Sr. No.	Brach Code	Subject Code	Subject Name	Teaching hours/week				Credit	Evaluation Scheme/semester							
				Th	Tu	Pr	Total		Theory				Practical		Total Marks	
									Sessional Exam		University Exam		Internal	University		
									Marks	Hrs	Marks	Hrs				Pr
Mathematics Core Compulsory Courses (For MP Group)																
1	02, 03	4SC04MTC1	Differential and Integral Calculus	3	0	0	3	3	30	1.5	70	3	--	--	--	100
2		4SC04MTC2	Linear Algebra-II	3	0	0	3	3	30	1.5	70	3	--	--	--	100
3		4SC04MTP1	Mathematics Practical-IV	0	0	4	4	2	--	--	--	--	10	10	30	50
Mathematics Core Elective Courses (to choose any one of the below two subjects)(For MP Group)																
4	02, 03	4SC04MTE1	Numerical Methods	3	0	0	3	3	30	1.5	70	3	--	--	--	100
5		4SC04MTE2	Statistics-II	3	0	0	3	3	30	1.5	70	3	--	--	--	100
Physics Core Compulsory Courses(For MP and CP Group)																
6	01, 02, 03	4SC04PHC1	Optics	3	0	0	3	3	30	1.5	70	3	--	--	--	100
7		4SC04PHC2	Laser and Fiber Optics	3	0	0	3	3	30	1.5	70	3	--	--	--	100
8		4SC04PHP1	Physics Practical-IV	0	0	4	4	2	--	--	--	--	10	10	30	50
Physics Core Elective Courses (to choose any one of the below two subjects)(For MP and CP Group)																
9	01, 02, 03	4SC04PHE1	Electronics	3	0	0	3	3	30	1.5	70	3	--	--	--	100
10		4SC04PHE2	Mechanics of Particles	3	0	0	3	3	30	1.5	70	3	--	--	--	100
Chemistry Core Compulsory Courses(For CP Group)																
11	01, 03	4SC04CHC1	Chemistry-VII	3	0	0	3	3	30	1.5	70	3	--	--	--	100
12		4SC04CHC2	Chemistry-VIII	3	0	0	3	3	30	1.5	70	3	--	--	--	100
13		4SC04CHP1	Chemistry Practical-IV	0	0	6	6	3	--	--	--	--	10	10	30	50
Chemistry Core Elective Courses (to choose any one of the below two subjects)(For CP Group)																

14	01, 03	4SC04CHE1	Chemistry-IX	3	0	0	3	3	30	1.5	70	3	--	--	--	100
15		4SC04CHE2	Chemistry-X	3	0	0	3	3	30	1.5	70	3	--	--	--	100
Compulsory English Course for all students(For MP and CP Group)																
16	01,02, 03	4SC04PCS1	Professional Communication Skills (PCS)	2	2	0	4	3	30	1.5	70	3	--	20	30	150
(MP Group) Total:				20	2	08	30	25	210	--	490	--	20	40	90	850
(CP Group) Total:				20	2	10	32	26	210	--	490	--	20	40	90	850

**Note:** In each core subject two courses are compulsory, and one will be elective course. e.g. who has chosen Mathematics as a principal or subsidiary subject, has to learn 4SC04MTC1, and 4SC04MTC2 as compulsory subjects, and he/she has to choose one elective subject from 4SC04MTE1 and 4SC04MTE2.