



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

**Name of Program : M. Sc.**

**Name of Branch : Mathematics**

**Semester : I**

**W.E.F. – June 2016**

## Teaching and Evaluation Scheme

In **First and Second Semester (First Year)** student has to learn 5 core courses/subjects, each of 4 credits. There will be 4 core compulsory courses/subjects and 1 core elective course/subject to be taken by a student. There will be a 4 credit course/subject for comprehensive viva and Mathematics presentation. The session work for each course/subject will comprise of 4 formal lectures per week, each of 1 hour duration. Thus a student will be provided 24 to 26 hours actual teaching per week.

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	TW			
<b>Compulsory Courses</b>																	
1	02	5SC01LIA1	Linear Algebra	4	0	0	4	4	30	1.5	70	3	--	--	--	100	
2		5SC01DIE1	Differential Equations	4	0	0	4	4	30	1.5	70	3	--	--	--	100	
3		5SC01COA1	Complex Analysis	4	0	0	4	4	30	1.5	70	3	--	--	--	100	
4		5SC01TOP1	Topology	4	0	0	4	4	30	1.5	70	3	--	--	--	100	
5		5SC01SEV1	Seminar& Viva - Voce		0	4	0	4	4	--	--	--	--	50	--	50	100
<b>Elective Courses</b>																	
6	02	5SC01OPR1	Operations Research	4	0	0	4	4	30	1.5	70	3	--	--	--	100	
7		5SC01CPM1	C Programming and Mathematical Algorithms-I	2	0	4	6	4	15	1	35	1.5	10	10	30	100	
<b>Total:</b>				<b>20</b>	<b>04</b>	<b>00</b>	<b>24</b>	<b>24</b>	<b>150</b>	<b>--</b>	<b>350</b>	<b>--</b>	<b>50</b>	<b>00</b>	<b>50</b>	<b>600</b>	

The elective courses (subjects) will be offered only if faculty will be available for that subject and if minimum no. of students (decided by the college) will choose that subject.