



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			
Compulsory Courses																	
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
Elective Courses																	
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	
Total:				20	04	00	24	24	150	--	350	--	50	00	50	600	

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.



C. U. SHAH UNIVERSITY, Wadhwan City

Name of Program : M. Sc.

Name of Branch : Mathematics

Semester : II

W.E.F. – June 2016

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	TW		
Compulsory Courses																
1	02	5SC02DIG1	Differential Geometry	4	0	0	4	4	30	1.5	70	3	--	--	--	100
2		5SC02PDE1	Partial Differential Equations	4	0	0	4	4	30	1.5	70	3	--	--	--	100
3		5SC02REA1	Real Analysis	4	0	0	4	4	30	1.5	70	3	--	--	--	100
4		5SC02GRT1	Group Theory	4	0	0	4	4	30	1.5	70	3	--	--	--	100
5		5SC02SEV1	Seminar & Viva - Voce	0	4	0	4	4	--	--	--	--	50	--	50	100
Elective Courses																
6	02	5SC02CPM1	C Programming and Mathematical Algorithms-II	2	0	4	6	4	15	1	35	1.5	10	10	30	100
7		5SC02PRS1	Problem Solving - I	4	0	0	4	4	30	1.5	70	3	--	--	--	100
Total:				20	04	00	24	24	150	--	350	--	50	00	50	600

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.

Teaching & Learning Methodology:-

- Faculty member/s shall explain in a class room using black board/white board, multimedia projector, chart, model etc.
- Assignments will be given to students for active learning.
- During Laboratories: The faculty will use software of related subject and laboratories will be conducted in batches.