



C. U. SHAH UNIVERSITY

FACULTY OF SCIENCE

Department of PHYSICS

Teaching Scheme M. Sc. Semester -I (w.e.f. June 2013)

In **First and Second Semester (First Year)** student has to learn 4 core courses/subjects. There will be a course/subject for comprehensive viva and Physics presentation. The session work for each course/subject will comprise of 4 formal lectures per week, and 12 hour practical per week. Thus a student will be provided 28 hours actual teaching per week and he/she will be required to earn 25 credits during the semester.

Viva: There will be a viva-voce examination of 50 marks at the end of each semester covering all the subjects/courses offered during the semester.

Sr. No	Subject Code	Name of the Subject	Teaching Scheme		Evaluation Scheme									
			Th	Pr	Total	Internal Exam		Theory		Practical (Marks)				
						Marks	Hrs	Marks	Hrs	Externa I	Internal	Total		
													Total	
1	MSCPHC101	Mathematical Physics	4	--	4	30	1.5	70	3	--	--	--	100	100
2	MSCPHC102	Classical Mechanics	4	--	4	30	1.5	70	3	--	--	--	100	100
3	MSCPHC103	Quantum Mechanics-I	4	--	4	30	1.5	70	3	--	--	--	100	100
4	MSCPHC104	Electronic devices and Circuits	4	--	4	30	1.5	70	3	--	--	--	100	100
5	MSCPHP101	Practical -I	0	12	12	--	--	--	--	150	50	200	200	200
6	MSCP HV101	Viva-voce course	--	--	--	--	--	--	--	50	--	50	50	50

Note: **MSCPHC101:** MSC indicates the course, PH indicates the subject (Physics), C indicates compulsory core subject, E indicates elective subject, V indicates viva voce/subject/course, 1 indicates the semester, 01 indicates the subject no.