



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

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

**Name of Branch : Physics**

**Semester : V**

**W.E.F. – June 2015**

## 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		
Physics Core Compulsory Courses																
1	03	4SC05MCC1	Introduction to Mathematical Physics and Classical Mechanics	4	0	0	4	4	30	1.5	70	3	--	--	--	100
2		4SC05SPC1	Introduction to Solid State Physics	4	0	0	4	4	30	1.5	70	3	--	--	--	100
3		4SC05OSC1	Optics and Spectroscopy	4	0	0	4	4	30	1.5	70	3	--	--	--	100
4		4SC05ENC1	Electromagnetism and Nuclear Physics	4	0	0	4	4	30	1.5	70	3	--	--	--	100
6		4SC05PHP1	Physics Practical-V	0	0	6	6	3	--	--	--	--	15	15	70	100
Elective Courses (To Select one course from below two)																
7	03	4SC05NCE1	Non-Conventional Energy Resources	4	0	0	4	4	30	1.5	70	3	--	--	--	100
8		4SC05NNE1	Nanoscience and Nanotechnology	4	0	0	4	4	30	1.5	70	3	--	--	--	100
Compulsory Fundamental Course for all students																
9	03	4SC05PEF1	Professional Etiquettes-1	1	0	2	3	2	20	1.0	50	2	20	10	--	100
Total				21	0	8	29	25	170	--	400	--	35	25	70	700

**Note:**

- (1) In practical subject each student will perform one practical in the internal and two practicals in the external examination.
- (2) In order to give exposure of industry, research institute and higher learning in the field of physics, industrial visit may be arranged. It is expected that students of B.Sc. (PHYSICS) Semester – V must visit industry/research institute / institute of higher learning.