



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

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

**Name of Branch : Physics**

**Semester : VI**

**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			
<b>Physics Core Compulsory Courses</b>																	
1	03	4SC06QMC1	Introduction to Quantum Mechanics	4	0	0	4	4	30	1.5	70	3	--	--	--	100	
2		4SC06NPC1	Nuclear Physics and Particle Physics	4	0	0	4	4	30	1.5	70	3	--	--	--	100	
3		4SC06SMC1	Introduction to Statistical Mechanics and Plasma Physics	4	0	0	4	4	30	1.5	70	3	--	--	--	100	
4		4SC06SEC1	Solid State Electronics	4	0	0	4	4	30	1.5	70	3	--	--	--	100	
6		4SC06PHP1	Physics Practical-VI	0	0	6	6	3	--	--	--	--	15	15	70	100	
<b>Elective Courses (To Select one course from below two)</b>																	
7	03	4SC06AEE1	Atmospheric and Earth Science	4	0	0	4	4	30	1.5	70	3	--	--	--	100	
8		4SC06ISE1	Instrumentation and Sensors	4	0	0	4	4	30	1.5	70	3	--	--	--	100	
<b>Compulsory Fundamental Course for all students</b>																	
9	03	4SC06PEF1	Professional Etiquettes-2	1	0	2	3	2	20	1.0	50	2	20	10	--	100	
<b>Total</b>				<b>21</b>	<b>0</b>	<b>8</b>	<b>29</b>	<b>25</b>	<b>170</b>	<b>--</b>	<b>400</b>	<b>--</b>	<b>35</b>	<b>25</b>	<b>70</b>	<b>700</b>	

**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 – VI must visit industry/research institute / institute of higher learning.