

**B. Sc. (Physical Sciences) I & III Semester (VAC)**

**Paper – Science and Society**

**Teacher Name: Dr. Ajay Shankar Bangwal**

**January 18, 2024 - April 21, 2024**

S.No.	Date	Units and Topics	Lectures
I	Jan 18 – Jan 21	<b><u>Unit 1: Science and Technology- from Ancient to Modern Times</u></b> <ul style="list-style-type: none"><li>Philosophy of Science</li><li>The scientific Method</li></ul>	1
II	Jan 22 – Jan 28	<ul style="list-style-type: none"><li>Importance of Observation</li><li>Questions and Experimental design</li></ul>	1
III	Jan 29 – Feb 04	<ul style="list-style-type: none"><li>Myths vs Fact</li></ul>	1
IV	Feb 05 – Feb 11	<ul style="list-style-type: none"><li>Rational Thinking vs Logical Thinking</li></ul>	1
V	Feb 12 – Feb 18	<ul style="list-style-type: none"><li>Water harvesting structures and practices</li></ul>	1
VI	Feb 19 – Feb 25	<ul style="list-style-type: none"><li>Renewable and Clean Energy</li></ul>	1
VII	Feb 26 – March 03	<ul style="list-style-type: none"><li>Green and White Revolution</li></ul>	1
VIII	March 04 – March 10	<ul style="list-style-type: none"><li>Space Science and Exploration</li></ul>	1
IX	March 11 – March 17	<ul style="list-style-type: none"><li>IT Revolution and eGovernance</li></ul>	1
X	March 18 – March 24	<ul style="list-style-type: none"><li>Public Health and Hygiene</li></ul>	1
<b>Mid semester break: March 24, 2024 – March 31, 2024</b>			
XI	April 01 – April 07	<ul style="list-style-type: none"><li>Vaccines, Antibiotics</li><li>Anti-microbial resistance</li></ul>	1
XII	April 08- April 14	<ul style="list-style-type: none"><li>Ecology and Environment</li></ul>	1
XIII	April 15- April 21	<ul style="list-style-type: none"><li>Agriculture including domestication of plants and animals</li></ul>	1