GOVIND VIDYALAYA, TAMULIA

STD-XI	MONTH-WISE SYLLABUS 2015-16													
		TERM 1							TERM 2					
		FA1			FA2		SA1		FA3			FA4		SA2
UNITS	CHAPTER'S NAME (His)	APR	MAY	JUN	JUL	AUG	SEP		OCT	NOV	DEC	JAN	FEB	MAR
SUB. – BIOLOGY														
1	**Cell Structure and function** Cell organelles – structure and function, endomembrane system, Nucleus	✓												
2	**Biomolecules :** Structure & function Cell cycle & Cell division		✓											
3	**PLANT PHYSIOLOGY :** Transport in plants :- Mineral Nutrition :-			✓										
4	Photosynthesis in higher plants Respiration in plants Plant growth & development				✓									
5	**Human Physiology :** Digestion & absorption Breathing and exchange of gases .					✓								
6	Body fluid and circulation Excretory product & their elimination						✓							
7	Locomotion & movement Neural control & co-ordination Chemical co-ordination & regulation								✓					
8	**Diversity in the living world-** The living world Biological classification									✓				
9	Plant Kingdom Animal Kingdom										✓			
SUB. – BIOLOGY PRACTICAL														
1	➢ Study and description of Three locally available common plants ➢ Preparation and study of T.S. of Dicot and Monocot Roots and Stems (Normal/Primary)	✓												

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UNITS	CHAPTER'S NAME (His)	APR	MAY	JUN	JUL	AUG	SEP		OCT	NOV	DEC	JAN	FEB	MAR
2	➢ Osmosis by Potato Osmoscope/Osmometer		✓											
3	➢ Plasmolysis in Epidermal Peels ➢ Distribution of Stomata in Leaf Surfaces ➢ Comparative Rates of Transpiration by Cobalt Chloride Method			✓										
4	➢ Test for Presence of Sugar, Starch, Protein and Fat in Suitable Plant and Animal Materials ➢ Separate Chlorophyll Pigments through Paper Chroatography ➢ Rate of Respiration in Flower Buds/Leaf Tissue Germinating Seeds				✓									
5	➢ Study of Compound Microscope ➢ Study of Plant Specimens/slides/models ➢ Study of Animal Specimens/slides/models					✓								
6	➢ Study of Plant Tissues ➢ Study of Animal Tissues ➢ Study of Mitosis Cell Division						✓							
7	➢ Study of Modifications in Root, Stem and Leaves ➢ Study and Identification of Inflorescences(cymose and racemose) ➢ Study of Imbibition in Seeds/Raisins								✓					
8	➢ Anaerobic Respiration, Phototropism in Plants, Apical Bud Removal and Suction due to Transpiration ➢ Human Skeleton/Bones									✓				
9	➢ Types of Joints in Human Body ➢ Study of External Morphology of Cockroach										✓			