

**ST. MARY'S ENGLISH HIGH SCHOOL, BISTUPUR, JAMSHEDPUR**  
**SYLLABUS FOR THE YEAR - 2019 - 2020**

**CLASS: XII B**

**SUBJECT: BIOLOGY (044)**

<b>(APRIL TO JUNE)</b>	<b>(JULY TO SEPTEMBER)</b>
UNIT - I Sexual Reproduction	UNIT - II Genetics and Evolution
Pollination and fertilization in plants	
Development of seeds and fruits	Mendelism and Patterns of Inheritance
Human reproduction	Linkage and crossing over DNA replication,
Embryogenesis	Transcription and translation.
Reproductive Health	Gene expression and regulation
	UNIT - III Biology and Human Welfare
	Immunology, Microbes, Pathogen, Diseases.
<b>(OCTOBER TO DECEMBER)</b>	<b>(JANUARY TO MARCH)</b>
Contd - Cancer and AIDS	
Drug Abuse and Asolescence	
UNIT - IV Biotechnology	
Recombinant DNA, Applications of Biotechnology	
UNIT - V Ecology and Environment	
Ecosystem, Flow of Energy in ecosystem,	
Population, Community	
Ecosystem, Population, Community	
Ecological Succession, Biodiversity, Pollution	

DATE: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_