

## SYLLABUS- 2020 – 2021

STANDARD: 12

SUBJECT: COMPUTER APPLICATION (THEORY)

UNIT	CONTENT
<b>1. Multimedia and Desktop Publishing</b>	1.1 Introduction to Multimedia 1.4 File format of Multimedia 1.5 Multimedia production 1.8 Libraries, Information Centers, Archives
<b>2. An Introduction to adobe Pagemaker</b>	2.2 Introduction to Adobe Pagemaker 2.7 Text Block 2.8 Understanding Story 2.9 Threading text block 2.10 Placing text in a frame 2.16 Magnifying and Reducing with the Zoom tool 2.17 Formatting a document 2.18 Drawing 2.19 Working with pages 2.20 Master Pages 2.21 Print a Documet
<b>3. Introduction to Database Management System</b>	3.1 Introduction to DBMS 3.3 RDBMS 3.4 RDBMS jargons 3.5 ER model 3.6 ER Diagram 3.7 Introduction to MYSQL
<b>4. Introduction to Hypertext Pre-Processor</b>	4.1 Introduction to PHP 4.3 Client server Architecture 4.6 Web development concept
<b>5. PHP Function and Array</b>	5.1 Parameterized function 5.2 Array in PHP
<b>6. PHP Conditional Statements</b>	If else statement in PHP If elseif else statement in PHP Switch case
<b>7. Looping Structure</b>	Looping structure introduction For Each loop
<b>8. Forms and Files</b>	8.1 HTML forms
<b>9. Connecting PHP and MYSQL</b>	9.1 MYSQL function in PHP

<b>10. Introduction to Computer Networks</b>	10.1 Introduction 10.3 Uses of the computer networks
<b>11 . Network Examples and Protocols</b>	11.1 Introduction
<b>12: DNS (Domain Name System)</b>	12.1 Introduction 12.2 Overview of DNS 12.4 Uniform Resource Locator(URL) 12.5 DNS Components
<b>13: Network Cabling</b>	13.1 Introduction 13.2 Types of network cables
<b>14: Open Source Concepts</b>	14.1 Introduction
<b>15: E-Commerce</b>	15.1 Introduction to E-commerce 15.2 The Evolution of Electronic commerce 15.3 The Development and growth of Electronic commerce 15.5 E-Commerce Revenue models
<b>16: Electronic Payments Systems</b>	16.1 Introduction to Electronic payment systems 16.2 Classification of Electronic payment methods 16.3 Card based payment systems 16.4 Electronic Account Transfer
<b>17 : E - Commerce Security Systems</b>	17.3 Dimensions of E-Commerce security 17.4 Security Technologies
<b>18 : Electronic Data Interchange (EDI)</b>	18.3 Advantages of EDI 18.4 EDI Layers 18.5 EDI Components 18.6 EDI Standards 18.7 UN / EDIFACT
<b>Practical</b>	II Page Maker - Creating Notice IV Page Maker - Creating Notice Board V MYSQL - Usage of commands in DB VI PHP - Basic Programming VII PHP - Create Execute Variables IX Stirng Functions