

CBSE -Main
ICT CURRICULUM

Class IX			
Unit	Chapter Name	Topic(s)	Estimated Time (Periods)
1	Basics of Internet	<ol style="list-style-type: none"> 1. World wide web 2. Web servers 3. Web Sites 4. Web Pages 5. Web Browsers 6. Blogs 7. URL 8. Protocols (TCP/IP, HTTP, FTP) 	5
2	Web Services	<ol style="list-style-type: none"> 1.Chat 2.e-Mail 3.Video Conferencing 4.e-learning 5.e-shopping 6.e-Reservation 7.e-Groups 8.Social Networking its uses and misuses 9.Precautions and measures 10. Cyber laws 	5
3	Introduction to GIMP	<ol style="list-style-type: none"> 1. Image Editing Tools-Introduction 2. List of commonly used Image Editing Tools 3. GIMP-Introduction 4. Creating New File 5. Opening an existing File 6. Saving File (.XCF and other formats) 7. Understanding GIMP Window 8. Starting with Image windows 9. Toolbox-Selection tools, Text tool, Eraser tool, Bucket fill tool Foreground and Background colors 	12

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		10. Working with Menus (File, Edit, Image) 11. Basic image handling operations-cropping, resize 12. Layers-introduction	
4	Introduction to HTML	1. Introduction 2. Tags and attributes 3. Structure of HTML Document (HTML, HEAD, TITLE, BODY) 4. Formatting Elements (FONT, CENTER, BR, HR, H1.....H6, P, B, I, U)	10
5	HTML-II	1. HTML LISTS (UL, OL, DL) 2. Inserting Image, Audio and Video 3. LINKING	8
6	Security threats and security measures	1. Virus 2. Worms 3. Trojans 4. Spyware 5. Malware 6. Spams 7. Hackers and Crackers 8. Antivirus tools 9. Data Backup and Recovery tools	5
7	Projects	1. GIMP 2. HTML	15

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Class X			
Unit	Chapter Name	Topic(s)	Estimated Time (Periods)
1	Computer components and interconnection	<ol style="list-style-type: none"> 1. Computer System-Hardware-Basic components of a Computer System, IPO, Input/Output and Storage devices 2. Ports, Cables and interconnection 3. Software 	6
2	Advanced GIMP	<ol style="list-style-type: none"> 1. Review of GIMP Covered in Class IX 2. Toolbox-Move tool, Alignment tool, Scale tool, Shear tool, Perspective tool, Flip tool, Blend tool, Blur/Sharpen tool, Smudge tool, Dodge / Burn tool 3. Painting in GIMP-Pencil and paintbrush tool 4. Operations on Layers (Add, delete, duplicate, scaling, merging) 5. Masking-Introduction and example 	12
3	Advanced HTML	<ol style="list-style-type: none"> 1. Review 2. Representing data in Tabular forms (Table, TR, TD, TH, Colspan, rowspan) 3. Working with frames 	10
4	Working with HTML Forms	<ol style="list-style-type: none"> 1. Introduction 2. Tags and attributes used in form (FORM, INPUT, TEXTAREA, SELECT) 	6
5	Front page	<ol style="list-style-type: none"> 1. Introduction and significance 2. Views-Normal, HTML, Preview 3. Creating a new website 4. Working with Templates 5. Inserting clipart, images 6. Themes, marquee 7. Hyperlinks 8. Working with tables 9. Publishing a website 	6
6	Project	<ol style="list-style-type: none"> 1. GIMP 2. HTML 	20

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