**Course Content:-**

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| **SL NO** | **Main topic** | **Sub Topic** |
| 1 | Accessibility |  |
|  |  | Accessibility Tools |
|  |  | Accessibility 508 |
|  |  | Accessibility Overview |
|  |  | Accessibility in Mobile |
|  |  | Screen Reader/ Event Handler |
|  |  | Accessibility guidelines |
| 2 | COLOR CONTRAST |  |
|  |  | ACCESSBILITY COLOR CONTRAST |
| 3 | Web Based |  |
|  |  | DOC type definition |
|  |  | External / Internal links |
|  |  | Font-sizes |
|  |  | Site Map |
|  |  | Non-web content |
| 4 | Text-Effects / Typography |  |
|  |  | Column-Layouts |
|  |  | Text-Shadow/ word-wrap / text-overflow properties |
| 5 | Templates/ Layouts / Future of CSS |  |
|  |  | Templates and Different types of templates for example grid system |
|  |  | Limitations of CSS# |
|  |  | CSS properties future specifications |
| 6 | Support for fallback Browsers |  |
|  |  | HTML5 elements like canvas , video, date fallback support for legacy browsers |
|  |  | CSS3 fallback support for legacy browsers |
|  |  | JavaScript Fallback Support |
| 7 | Color Opacity Gradients |  |
|  |  | HSL, RGBA types of gradients and syntax |
| 8 | Code based |  |
|  |  | HTML4 type of tags ex:- tables |
| 9 | Background Images/ Decoration |  |
|  |  | CSS3 Box-shadow |
|  |  | CSS3 Background |
|  |  | CSS3 Border and more decorative properties for background |
|  |  | CSS3 Box-shadow |
| 10 | Advance Topics |  |
|  |  | Advance HTML5 API like canvas, svg, location, local/session storage |
|  |  | MIME types for audio/video |
| 11 | SEMANTIC MARKUP |  |
|  |  | HTML5 SYNTAX/SEMANTIC ELEMENTS |
|  |  | HTML5 BACKWARD COMPATABILITY |
| 12 | PSUEDO CLASSES/ELEMENTS |  |
|  |  | PSUEDO CLASSES IN DETAIL |
|  |  | PSUEDO CLASSES COMPATABILITY |
|  |  | FONT-FACE RULES |
|  |  | TYPES OF FONTS SUPPORTED BY BROWSER |
| 13 | NEW INPUT TYPES |  |
|  |  | HTML5 INPUT ELEMENTS AND THEIR ATTRIBUTES |
|  |  | HTML5 ELEMENTS BROWSER SUPPORT |
| 14 | MEDIA QUERIES AND SELECTORS |  |
|  |  | SYNTAX AND SYMANTICS OF MEDIA QUERY |
|  |  | MEDIA QUERIES PROPERTIES IN DETAIL FOR Ex ASPECT RATIO/ORIENTATION |
| 15 | HTML5 API |  |
|  |  | HTML5 WEB API IN DETAIL FOR EX:WEB WORKERS,DRAG AND DROP |
|  |  | CLIENT/SERVER EVENT HANDLING |
| 16 | HTML5 INTRODUCTION |  |
|  |  | HTML5 TAGS,INTRODUCTION,SUPPORTING,DEPRICATED TAGS |
| 17 | FORM VALIDATIONS |  |
|  |  | HTML5 FORM ELEMENTS/ATTRIBUTES/SYNTAX/VALIDATION |
| 18 | 2D/3D Transformation |  |
|  |  | Transform / Transitions / Methods / Properties Syntax |
|  |  | Animation Tag and Syntax |
|  |  | 3D Transformations & Flexible Box Layout |
| 19 | General Awareness’ |  |