

SAL INSTITUTE OF DIPLOMA STUDIES

**DEPARTMENT OF COMPUTER ENGINEERING**

**LAB PLANNING**

**Subject Name: RESPONSIVE WEB PAGE DESIGN**

**Semester: 3**

**Subject Code: 4330705**

Term Date: / /22 To / /23

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| NO. | Practical Exercises | | Planned  Date | Actual  Date |
| **Concept** | **Description** |
|  | HTML/CSS | Introduction to HTML & CSS |  |  |
|  | Different Tags | Basic to advance Formating Tag |  |  |
|  | Container | Basic layout element providing a responsive fixed-width container for content. |  |  |
|  | Grid System | Layout system using rows and columns to create responsive layouts. |  |  |
|  | Columns | Divides content horizontally within a row. |  |  |
|  | Responsive Breakpoints | Predefined screen sizes for responsive design. |  |  |
|  | Typography | Set of typography styles for consistent and appealing text. |  |  |
|  | Buttons | Styled buttons with colors, sizes, and styles, including button groups. |  |  |
|  | Navbar | Responsive navigation component with menus and branding. |  |  |
|  | Forms | Styling for form elements like inputs, selects, checkboxes, and radio buttons. |  |  |
|  | Cards | Flexible content containers with headers, footers, and sections. |  |  |
|  | Modals | Dialog boxes for displaying extra information or interactions. |  |  |
|  | Tooltips and Popovers | Small info boxes appearing on hover or click for context. |  |  |
|  | Alerts | Highlighted boxes for important messages or notifications. |  |  |
|  | Badges | Small components indicating element status or count. |  |  |
|  | Icons | Integration with icon fonts or libraries like FontAwesome. |  |  |
|  | Carousel | Component for creating rotating image sliders. |  |  |
|  | Accordions/Collapsible | Expandable content sections for showing/hiding info. |  |  |
|  | Utilities | Helper classes for quick adjustments to spacing and layout. |  |  |
|  | Flexbox and Grid Utilities | Classes for alignment, order, and sizing using flexible box and grid layouts. |  |  |
|  | Responsive Images | Techniques to ensure images adjust properly to different screen sizes. |  |  |
|  | Customizing with SASS | Bootstrap customization using SASS variables and mixins. |  |  |
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Name of Faculty:

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