

FRONT-END **DEVELOPMENT**

ASSIGNMENT

Module :- 5 (jQuery Basic, Effects & Advanced)

- **What is jQuery?**

- ☐ jQuery is a lightweight, "write less, do more", JavaScript library. The purpose of jQuery is to make it much easier to use JavaScript on your website. jQuery takes a lot of common tasks that require many lines of JavaScript code to accomplish, and wraps them into methods that you can call with a single line of code.

- **How to Apply CSS Using jQuery, How to Add Class and Remove Class in JQuery , JQuery Animation?**

- ☐ jQuery CSS method

- The `css()` method sets or returns one or more style properties for the selected elements.

syntax:- `$("p").css("background-color", "yellow");`

- ☐ Add class method

- It is used to add specified classes to each of the targeted elements while animating all style changes.

Syntax:- `.AddClass(className, [duration], [easing], [callback]);`

- Remove class method

- It is used to remove the classes from the element while animating all style changes.

Syntax:- `.removeClass(className, [duration], [easing], [callback]);`

- jQuery animation

-The jQuery `animate()` method is **used to create custom animations**.

Syntax:- `$(selector).animate({params},speed,callback);`

-The required `params` parameter defines the CSS properties to be animated.

-The optional `speed` parameter specifies the duration of the effect.

- **How to create slider with animation?**

- ☐ Come up with a strategy for the slider. You can make as many modifications as you want to Slider Revolution templates. ...
- ☐ Update the background image in each slide
- ☐ Update the text layers in each slide.
- ☐ Edit the button text and design in each slide
- ☐ Edit the slider navigation.