**Module (JQuery Basic, Effects & Advanced) – 5**

1. **What is JQuery?**

Ans) 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.

1. **How to Apply CSS Using JQuery, How to Add Class and Remove Class in JQuery, JQuery Animation?**

Ans)

**addClass()** - Adds one or more classes to the selected elements

• Ex: $("button").click(function(){

$("h1, h2, p").addClass("VKR");

$("div").addClass("important");

});

**removeClass()** - Removes one or more classes from the selected elements

Ex: $("button").click(function(){

$("h1, h2, p").removeClass("VKR");

});

**css()** - Sets or returns the style attribute

Ex: $("p").css("background-color", "Yellow")

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

$(selector).animate({params},speed,callback);

1. **How to create slider with animation?**

Ans) Steps to create slider with animation:

**Step 1:** Come up with a strategy for the slider.

**Step 2:** Update the background image in each slide.

**Step 3:** Update the text layers in each slide.

**Step 4:** Edit the button text and design in each slide.

**Step 5:** Edit the slider navigation.

These are following steps to create slider with animation.