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

1. **What is jQuery?**

The main purpose of jQuery is to provide an easy way to use JavaScript on your website to make it more interactive and attractive. It is also used to add animation.

It is also very useful to simplify a lot of the complicated things from JavaScript, like AJAX calls and DOM manipulation.

jQuery is a fast, small, and feature-rich JavaScript library. With a combination of versatility and extensibility, jQuery has changed the way that millions of people write JavaScript.

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

addClass() - Adds one or more classes to the selected elements removeClass() - Removes one or more classes from the selected elements

$("#clickme").click(function () {

$("#book").animate({

opacity: 0.25,

left: "+=50",

height: "toggle"

}, 5000, function () {

// Animation complete. });

});

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

An animation is a special effect that applies to a single element on a slide such as text, a shape, an image, and so on.

Create the Basic Layout of the Image Slider using HTML Code. Let's create the basic skeleton of our slider. ...

Add Prev and Next Buttons. Sliders have two buttons previous and next.

Add the Required Images and Text to the Slider. ...

Activate the Two Buttons using JavaScript Code.

With jQuery you can create a sliding effect on elements. jQuery has the following slide methods: slideDown() slideUp().