**Module:-5 (jQuery Basic & advance)**

* **What What is jQuery?**

jQuery is a fast, small, and feature-rich JavaScript library. It makes things like HTML document traversal and manipulation, event handling, animation, and Ajax much simpler with an easy-to-use API that works across a multitude of browsers. With a combination of versatility and extensibility, jQuery has changed the way that millions of people write JavaScript.

* **How to apply CSS Using jQuery, How to Add Class and Remove Class in jQuery, jQuery Animation?**

**Apply CSS using jQuery: -** The css() method sets or returns one or more style properties for the selected elements.

Syntax: $("p").css("background-color");

**Add and Remove Class using jQuery: -** The addClass() or removeClass() methods are used to add the CSS classes when there is a need to add to our webpage

Syntax: $('selector').addClass(class name);

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

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

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

jQuery provides us a slider control through the slider widget. Slider helps us to get a certain value using a given range. The animate option when set to true will create an animation effect when you directly click at any point on the slider’s axis.

Syntax: $(".selector").slider(

{ animate: value }

);