**Module (JQUERY Basic,Effects & Advanced ) -5**

**Q.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.jquery also simplifies a lot of the complicated things from JavaScript, like AJAX calls and DOM manipulation.

The jquery library contains the following features:

* HTML/DOM manipulation
* CSS manipulation
* HTML event methods
* Effects and animations
* AJAX
* Utilities

**Q-2 How to apply CSS Using jQuery, How to Add Class and Remove Class in jQuery, jQuery Animation?**

**ANS.** - 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);

**Q.3 How to create slider with animation ?**

**ANS. -**  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 }

);