

## Module – 4 JQuery Basic, Effect & Advance

### 1. 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.

### 2. How to Apply CSS Using JQuery, How to Add Class and Remove Class in JQuery , JQuery Animation?

#### ⇒ 1. Adding CSS class with JQuery:

To add css class to an element ,we can use the addclass() method.

Syntax : \$("selector").addClass("class name")

#### ⇒ 2. Removing CSS class with JQuery:

To remove css class to an element ,we can use the removeclass() method.

Syntax : \$("selector").removeClass("class name")

#### ⇒ 3. JQuery Animation:

To add animation to an element ,we can use the animate() method.

Syntax : \$("selector").animate({})

### 3. How to create slider with animation?

⇒ Here is a syntax to create slider with animation

⇒ 

```
$(document).ready(function(){  
    var currentSlide = 0;  
    var slideCount = $('#slider .slide').length;  
    var slideInterval = setInterval(nextSlide, 3000);
```

⇒ 

```
function nextSlide(){  
    $('#slider').animate({  
        'margin-left': '-=600px'  
    }, 1000, function(){  
        currentSlide++;  
        if(currentSlide === slideCount){  
            currentSlide = 0;  
            $('#slider').css('margin-left', 0);  
        }  
    });  
}
```