

**GLS UNIVERSITY**  
**Bachelor of Computer Applications (BCA)**  
**(Core Course)**  
**Semester-I**  
**0301106 PRACTICAL ON HTML5, CSS AND JAVASCRIPT**  
**Practical Assignment**  
**Unit-5 Event Handling and Validating Forms**

1. Create a Web Page that uses two image files, the images must switch with one another as the mouse pointer moves over the images.
2. Create a web page that converts string to uppercase or lowercase depending on the button clicked.
3. Write a JavaScript that displays the content held by the textbox when it receives focus.
4. Write a JavaScript that changes the background of the textbox when Key is Pressed and released.
5. Write a JavaScript that displays an alert message “Bye” when the page is closed
6. Write a JavaScript program to validate a form which consist of name, Age, address, email id, hobby(checkbox), gender(radio button), country (dropdown) 12 Create one form in which username must be 10 characters long, last name must be 5 characters long, validate email address and also validate for nonempty (fields must not be blank) fields.
7. Write a JavaScript that validates fields related to Employee Details as Name, Age, Department, Designation, Salary, and No. Of Working Days. Validate fields for blank values and Age must be greater than 18, no. Of Working days >25, salary = 10000 and no of working days
8. Create a login form. Validate username to be greater than 8 characters and password greater than 8 characters. Also, retyped password and password should be equal.
9. Create a SignUp form. Validate fields for not blank, validate mail id for @ and. Characters, password greater than 8 characters. Also retyped password and password should be equal.
10. Create a JavaScript that accepts Student Details as Name, Semester, marks of three subjects. Validate marks field to contain numbers only. Name must start with a character. Calculate total and average to display results properly.
11. Validation with Checkbox Element
12. Validation with Radio Element

<b>13. Validation with Text Area Element</b>
<b>14. Validation with Text Area Element</b>
<b>15. Validation with Select and Option Element</b>