

**Pondicherry University (Karaikal Campus)**  
**Department of Computer Science**  
**Master of Computer Applications**  
**Odd Semester 2023-24**  
**CSCA512 – INTERNET AND WEB TECHNOLOGIES**  
**Assignment Questions**

**Deadline: December 20, 2023**

1. Develop a job application form using HTML and Javascript. Create a HTML form which accepts input from the user like name, dob, age, gender, mobile number, address, and country and education details. For country use dropdown menu, and for education use multiple selection dropdown (should not use check box). When submit button is clicked the information entered by the user should be displayed in the next page for confirmation. Validate the dob with dd-mm-yyyy and 10 digit mobile number using regular expressions.
2. Develop a webpage using javascript to display list of pictures one by one. Add a new button with text "Previous" to the page. By pressing this button it must be possible to view the previous image. Similarly add a button with text "Next" and by pressing this button it must be possible to view the next image. Add two new buttons shrink and enlarge, with which it should shrink or enlarge the shown picture.
3. Develop a javascript program to do the following validation and retrieve information from the given reservation form..
  - a) All the fields are mandatory.
  - b) Mobile number should include two digit area code followed by ten digit number for example: 91-9887601234
  - c) Email address should be in proper format. Example: [abc@gmail.com](mailto:abc@gmail.com) or [abc@yahoo.co.in](mailto:abc@yahoo.co.in)

The screenshot shows a web form titled "Make Room Reservations in Minutes" with a green header. The form contains several input fields with associated labels and validation messages:

- Please Enter Your Name:** A text input field containing "John Doe".
- Email Address:** A text input field containing "invalid". Below it, a message says "Please enter a valid email address."
- Telephone / Mobile:** A text input field containing "Telephone / Mobile Number". Below it, a message says "This field is required."
- Number of Adults:** A spinner input field containing "ten". Below it, a message says "Please enter a valid number."
- Number of Children:** A spinner input field containing "Number of children".
- Check-in Date:** A date input field containing "09/04/2019".
- Check-out Date:** A date input field containing "mm/dd/yyyy".

At the bottom of the form, there is a green bar with the text "PLEASE ANSWER THESE QUESTIONS FOR A PLEASANT STAY".