



Pimpri Chinchwad Education Trust's  
Pimpri Chinchwad College of Engineering



## Skill Development Laboratory 1 List of Assignments

**Department: Computer Engineering**

**Academic Year: 2023-2024**

**Semester: II**

**Year: TY**

**Subject: Skill Development Laboratory 1**

**Date: 27/12/2023**

Sr. No.	Assignment Title
1	Construct a suitable static web application using HTML and CSS and Bootstrap. Use and configuration of Web Server. (Apache Tomcat)
2	Perform the user data validations. (Name, Password, Phone, Email, Address etc.) using JavaScript/JQuery.
3	Write a XML schema to describe and validate the XML data.
4	Demonstrate the use of arrays by creating a PHP web page e.g. Create an indexed array of 20 elements (e.g. employee_name) and search whether a given name exists in the array.
5	Create a webpage using PHP to demonstrate the Inheritance concept such as: to create a Class shape and its subclass triangle, square and circle and display area of the selected shape.( use the concept of Inheritance) Display menu( use radio button) a) Triangle b) Square c) Circle.
6	Design Employee Registration form and store and retrieve the data using PHP and MySQL.
7	Implement the login and logout web application to handle the session management using session and cookies. (PHP)
8	Install Ruby Environment Setup and Write a Ruby program which accept the user's first and last name and print them in reverse order with a space between them.
9	Write a Ruby Script to send an Email to a specific User
10	Design and develop mini project based on real life problems which comprises any one stack from above.

Mr. Shailesh B. Galande

**Subject Teachers**