

**PUNE INSTITUTE OF COMPUTER TECHNOLOGY  
DHANKAWADI, PUNE – 43.**

**SCHEUDLE OF LAB EXPERIMENTS**

ACADEMIC YEAR: 2025-26

DATE: 29-12-2025

DEPARTMENT: INFORMATION TECHNOLOGY

CLASS: T.E.

SEMESTER: II

**SUBJECT: 314458: Laboratory Practice-II (Web Application Development)**

Lab Experiment No.	Problem Statement	Last Date of Completion
1.	<b>Assignment 1</b> <ul style="list-style-type: none"> <li>a. Create a responsive web page which shows the ecommerce/college/exam admin dashboard with sidebar and statistics in cards using HTML, CSS and Bootstrap.</li> <li>b. Write a JavaScript Program to get the user registration data and push to array/local storage with AJAX POST method and data list in new page.</li> </ul>	2 <sup>nd</sup> week of JAN-26
2.	<b>Assignment 2</b> <ul style="list-style-type: none"> <li>a. Create version control account on GitHub and using Git commands to create repository and push your code to GitHub.</li> <li>b. Create Docker Container Environment (NVIDEIA Docker or any other).</li> <li>c. Create an Angular application which will do following actions: Register User, Login User, Show User Data on Profile Component</li> </ul>	2 <sup>nd</sup> week of FEB-26
3.	<b>Assignment 3</b> <ul style="list-style-type: none"> <li>a. Create a Node.JS Application which serves a static website.</li> <li>b. Create four API using Node.JS, ExpressJS and MongoDB for CURD Operations on assignment 2.C.</li> </ul>	1 <sup>st</sup> week of MAR-26
4.	<b>Assignment 4</b> <ul style="list-style-type: none"> <li>a. Create a simple Mobile Website using jQuery Mobile.</li> <li>b. Deploy/Host Your web application on AWS VPC or AWS Elastic Beanstalk.</li> </ul>	2 <sup>nd</sup> week of APR-26
	<b>Mini Project</b>  Develop a web application using full stack development technologies in any of the following domains: Social Media, ecommerce, Restaurant, Medical, Finance, Education, Any other	

Subject Coordinator

Mrs. Kirti Y. Digholkar

Head of Department

Information Technology

**Pune Institute of Computer Technology**  
**Dhankawadi, Pune – 411043.**  
**Department of Information Technology**

**List of Lab Experiments**

Academic Year : 2025 – 2026	Department : Information Technology
Subject : Laboratory Practice-II	Class : T.E
Subject Code : 314458	Semester : II

Lab Expt. No.	Problem Statement
<b>PART-A: AS PER SPPU</b>	
1	<p><b>Assignment 1</b></p> <p>a. Create a responsive web page which shows the ecommerce/college/exam admin dashboard with sidebar and statistics in cards using HTML, CSS and Bootstrap.  b. Write a JavaScript Program to get the user registration data and push to array/local storage with AJAX POST method and data list in new page.</p>
2	<p><b>Assignment 2</b></p> <p>a. Create version control account on GitHub and using Git commands to create repository and push your code to GitHub.  b. Create Docker Container Environment (NVIDEIA Docker or any other).  c. Create an Angular application which will do following actions: Register User, Login User, Show User Data on Profile Component</p>
3	<p><b>Assignment 3</b></p> <p>a. Create a Node.JS Application which serves a static website.  b. Create four API using Node.JS, ExpressJS and MongoDB for CURD Operations on assignment 2.C.</p>
4	<p><b>Assignment 4</b></p> <p>a. Create a simple Mobile Website using jQuery Mobile.  b. Deploy/Host Your web application on AWS VPC or AWS Elastic Beanstalk.</p>
<b>PART-B: MINI PROJECT</b>	
1	Develop a web application using full stack development technologies in any of the following domains: Social Media, E-commerce, Restaurant, Medical, Finance, Education etc...



**Subject Coordinator**

Mrs. Kirti Y. Digholkar



**Head of Department**

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