



SOMAIYA
VIDYAVIHAR

K J Somaiya Institute of Technology

An Autonomous Institute Permanently Affiliated to the University of Mumbai

DEPARTMENT OF INFORMATION TECHNOLOGY

Course Name and Code: WEB Lab (ITL602)

Semester: VI (Third Year)

Academic Year: 2023-24 (Even Semester)

1. Study web analytics using open-source tools like Matomo, Open Web Analytics, AWStats, Countly, Plausible.
2. Implement the Calculator using a switch case in TypeScript.
3. Implement the all types Inheritance using TypeScript
4. Implement the all Access Modifiers using TypeScript
5. Implement the interface in typescript.
6. Building a Simple Website with TypeScript.
7. Create an application like Students Record using Angular.
8. Create an application like Feedback System using Angular.
9. Create a simple HTML web page Project using Angular Framework and apply ng-controller, ng-model and expressions.
10. Implement the Events and Validations in Angular. (Create functions and add events, adding adding HTML validators)
11. Write a program to use AJAX for user validation using and to show the result on the same page below the submit button.
12. Implement CRUD operations using MongoDB in different scenarios.
13. Application using MongoDB and Nodejs.
14. Design Feedback Form using Flask.
15. Design Weather App using Flask.
16. Design Portfolio Website using Flask.
17. Design Blog app using flask.
18. Design BMI calculator Using flask

Practical In-charge:

Mrs. Sarita Rathod

Assistant Professor – Department of IT