

**FINAL YEAR DESIGN PROJECTS (FYDP) SUGGESTED BY INDUSTRY
FOR COMPUTER SCIENCE & IT AND SOFTWARE ENGINEERING DEPARTMENT**

DIL (64)/21776

Dated: 22nd August, 2023

S #	Title of Project's	Name of Industry
1.	<p>TITLE:</p> <p>Real-time Traffic Monitoring and Analysis System</p> <p>Explanation:</p> <p>In this project, students will design and implement a real-time traffic monitoring and analysis system using TPL Maps' APIs and traffic data. The system should display live traffic information, including congestion, accidents, and road closures, on an interactive map interface. Students will need to utilize data streaming techniques to ensure that the information is constantly updated. The system could provide users with alternate routes, estimated travel times, and historical traffic patterns, ultimately improving navigation and reducing travel time</p>	<p>Name: Mr. Aaqib Sayed</p> <p>Designation: Head of Growth</p> <p>Company: TPL Maps</p> <p>Cell No: 0308-2225012</p> <p>E-mail: Aaqib.sayed@tplmaps.com</p> <p>Address: 20th Floor, Sky Tower – East Wing, Dolmen City, HC-3, Block 4, Abdul Sattar Edhi Avenue, Clifton</p>

- **Chairperson Computer Science & IT & Software Engineering**
- **FYDP COORDINATOR**


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