

ONLINE TYRE SHOPPING PLATFORM FOR SAKTHI TYRES

PROJECT REPORT

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*in partial fulfillment of the requirement for
the award of the degree of*

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IN

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DEPARTMENT OF COMPUTER TECHNOLOGY – UG

KONGU ENGINEERING COLLEGE

(Autonomous)

PERUNDURAI, ERODE – 638 060



OCTOBER 2024

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BONAFIDE CERTIFICATE

This is to certify that the project report titled **“ONLINE TYRE SHOPPING PLATFORM FOR SAKTHI TYRES”** is the approved record of project work done by **GOWTHAM PRASATH T (REG. NO: 22BIR014)**, **LOGITH K (REG. NO: 22BIR027)** and **THARNISH P (REG. NO: 22BIR053)** in partial fulfillment for the award of Degree of Bachelor of Science in **INFORMATION SYSTEMS** of Anna University, Chennai during the academic year 2024-2025.

SUPERVISOR

HEAD OF THE DEPARTMENT

(Signature with seal)

Date:

Submitted for the end semester viva-voce examination held on _____

INTERNAL EXAMINER

EXTERNAL EXAMINER

DECLARATION

We affirm that the project titled “**ONLINE TYRE SHOPPING PLATFORM FOR SAKTHI TYRES**” being submitted in partial fulfillment of the requirements for the award of **B.Sc. Degree in INFORMATION SYSTEMS** is the original work carried out by us. It has not formed part of any other project submitted for award of any degree, either in this or any other University.

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I certify that the declaration made above by the candidates is true to the best of my knowledge.

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ABSTRACT

The project was entitled **“ONLINE TYRE SHOPPING PLATFORM FOR SAKTHI TYRES”** a Web application. It was created to completely transform the way tyre companies operate. In the current environment, it frequently slows down productivity with manual processes and fragmented systems, resulting in delays.

To overcome this problem, we are going to propose a web application for this shop by including essential modules like Tyre Management, Customer Management, Billing, Reporting and Analytics, Maintenance Tracking, User Authentication, Manage web pages and also very user-friendly experience.

This web application provides an easy and convenient way for users to search for available tires across various brand categories. If a customer is interested, they can book a tire directly through the website.

For the Front-End Development, an engaging user interface is built using React.JS, along with CSS and JavaScript. For the Back-End, Express.JS and Node.JS are used to handle server-side logic, while MongoDB serves as the database to manage and store tyre listings, bookings, and customer information.

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LISTS OF ABBREVIATIONS**ABBREVIATIONS****TITLE****HTML**

Hypertext Markup Language

CSS

Cascading Style Sheet

JSON

JavaScript Object Notation

JS

JavaScript