

Batch No: 13



SIMATS ENGINEERING

Saveetha Institute of Medical and Technical Sciences
Chennai- 602105



Student Name: THULASI . I

Reg. No: 192421032

Course Code: ITA0203

Slot: 0

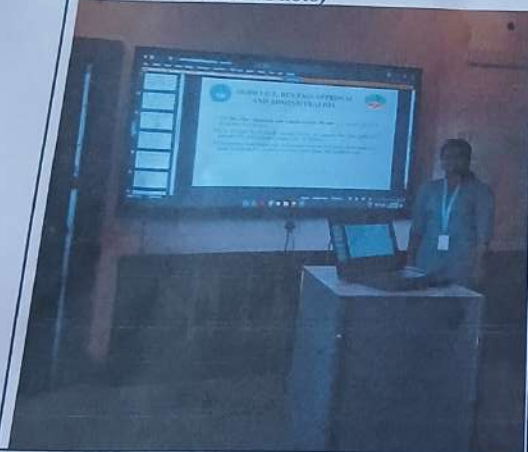
Course Name: Web Technology for Freelance

Course Faculty: Dr. Moorthy . A

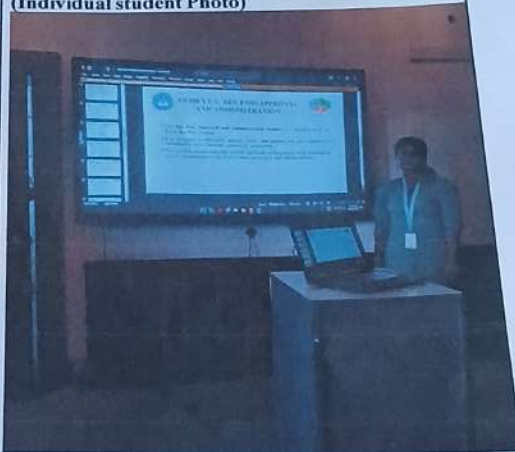
Project Title : ROUTE BUS PASS SYSTEM

Module Photographs: (3 photographs –Module Photo, Individual student contribution module work in the project and presentation image)

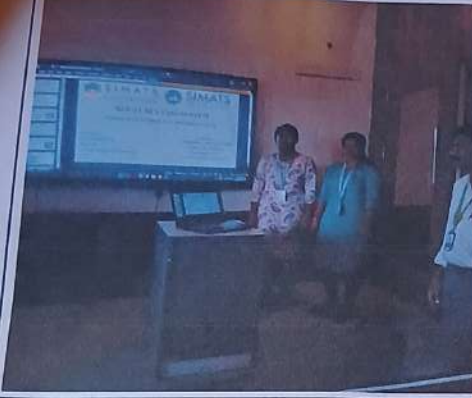
Review 1 Presentation
(Individual student Photo)



Review 2 Presentation
(Individual student Photo)



**PPT Photo with Final Presentation
(Both Presenters)**



Demo Photo



Project Description: (here you write what you did in this project (contribution) including Model Description

Public transportation is a vital means of mobility for millions of people, but traditional bus pass registration methods still rely heavily on manual processes, paperwork, and in-person verification. These outdated approaches often lead to inefficiency, long queues, errors in data handling, and difficulties for both passengers and administrators. To overcome these challenges, the **Route Bus Pass System** has been designed as a digital alternative.

The project provides an online platform where passengers can register, upload a photo, select bus routes, and generate a digital pass with a unique identification number. The system is divided into two major modules: **Bus Pass Application And Management** and **Bus Pass Approval And Administration**. Additional features include admin approval for verifying user details, a renewal option for extending validity, and database-driven management to securely handle user IDs, route details, validity periods, and approval status.

The system is implemented using **HTML, CSS, JavaScript, JSP, Servlets, and MySQL**, ensuring a responsive interface and reliable backend processing. The expected outcome is a transparent, secure, and scalable solution that enhances passenger convenience, reduces fraud, and streamlines administration. Ultimately, the project supports the vision of digital governance and smart city initiatives.

I. Thulasi

Student Signature

1. A. V.

2. Anurag
9/10/22

Guide Signature

Capstone Project Thank You Card

Thank you for your valuable
guidance

Dr. A.M. Arul Raj Sir,

I sincerely thank you for your guidance, encouragement, and support throughout my learning journey. Your dedication, patience and inspiring way of teaching have made a lasting impact on me. I am truly grateful for the knowledge you have shared and the motivation you have given, which will always guide me in the future.

With Appreciation

I. Thulasi

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