NATIONAL INSTITUTE OF TECHNOLOGY, TIRUCHIRAPPALLI
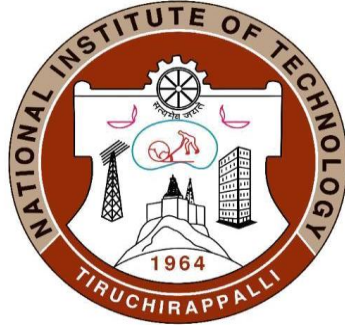

Department of Computer Application

Transportation Management System

PL/SQL

PROJECT WORK

Submitted By :

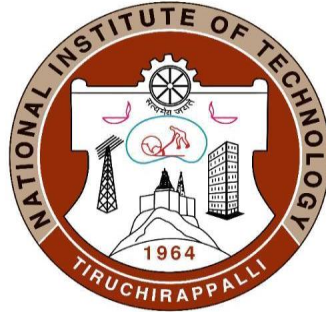# SHIVAM TIWARI

205118070

Under the guidance of

Dr. Ms. R. Eswari

NATIONAL INSTITUTE OF TECHNOLOGY, TIRUCHIRAPPALLI

CERTIFICATE

This is to certify that **Shivam Tiwari** *student of 2nd semester MCA (batch 2018-2021) of National Institute of Technology, Tiruchirappalli has successfully completed the project* **Cab Booking** *in PL/SQL under the guidance of* **Dr. Ms. R. Eswari.**

Signature

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ABSTRACT

In this PL/SQL project, there will be provided modules where one can get a cab of different facilities accordingly nearby him. User will choose here his location and destiny on the modules; this application will book the available cab present in database.

Initially this application will consider particular city to travel in with different available places within the city. Laterwards its area of service will be stretched to cover the entire state and so on.

The language in use will be **PL/SQL** providing above mentioned featured in it. The database server which will handle the data is **ORACLE**.

Few schema entities will be :

1. **Cab**

2. **Customer**

3. **Driver**

4. **Owner**

5. **Cab_ride**

6. **Payment_type**

Concepts Used

- Procedures:

  - ➢ Reg_driver
  - ➢ Reg_cab
  - ➢ Reg_owner
  - ➢ Reg_car_model
  - ➢ Reg_driver_cab
  - ➢ Reg_payment_type
  - ➢ Reg_cab_ride
  - ➢ Reg_distance_map
  - ➢ Reg_customer
  - ➢ Reg_cab_ride_history
  - ➢ Rem_driver
  - ➢ Rem_owner
  - ➢ Rem_car_model
  - ➢ Rem_customer
  - ➢ Free_cab
  - ➢ Free_all_cab

- Functions:

  - ➢ Cab_booking

- Triggers:

  - Rem_driver
  - Bef_reg_driver
  - Pay_tri
  - Post_cab
  - Rem_cab_ride
  - Cus_tri
  - Rem_customer
  - Bef_reg_cab
  - Rem_cab
  - Bef_reg_owner
  - Rem_owner
  - Rem_car_model

- Sequences:

  - Payid
  - Cusid
  - Drivid
  - Cabid
  - Ownid