

# TSRTC Bus Tickets

## Overview

A web application for booking bus tickets and checking the availability of buses for travel within Telangana. This simple yet functional project allows users to input their current location, destination city, and travel date to view available buses. Users can then proceed to book tickets conveniently. When the user tries to book more than 1 bus then the page will show him the message saying that the user had already booked the bus.

## Highlights

- User-friendly interface with a responsive design using **Bootstrap**.
- Allows users to input:
  - Current location
  - Destination city
  - Travel date
- Displays a list of available buses with:
  - Bus ID
  - Departure time
  - Seats available
- Ticket booking functionality with a restriction to prevent multiple bookings per user.
- Real-time feedback for missing or incomplete input fields.

Current Location	Name of the City	Travel Date
Hyderabad	Khammam	30/12/2025

[Check Buses](#)

Buses available on 30/12/2025 from Hyderabad to Khammam:

Available Buses		
Bus ID - 1, Time 08:00 AM, Seats Available: 20	<a href="#">Book Ticket</a>	
Bus ID - 2, Time 10:30 AM, Seats Available: 15	<a href="#">Book Ticket</a>	
Bus ID - 3, Time 02:00 PM, Seats Available: 20	<a href="#">Book Ticket</a>	
Bus ID - 4, Time 05:00 PM, Seats Available: 10	<a href="#">Book Ticket</a>	

Figure 1: Home page with input feilds

## Technologies Used

- **HTML5:** Structuring the web page.
- **CSS3:** Adding styles for a visually appealing design.
- **Bootstrap:** Ensuring responsiveness and faster UI development.
- **JavaScript:** Adding interactive functionality.

## How to Use

1. Input your:
  - Current location
  - Destination city
  - Travel date (in **DD/MM/YYYY** format)
2. Click "**Check Buses**" to view available options.
3. Click "**Book Ticket**" to confirm your booking (restricted to one booking per session).

This page says  
Ticket booked successfully for Bus ID: 1

Close

Current Location

Name of the City

Travel Date

Hyderabad

Ramman

30/11/2024

Book Ticket

Buses available on 30/11/2024 from Hyderabad to Ramman:

Available Buses

Bus ID: 1, Time: 08:00 AM, Seats Available: 20

Book Ticket

Bus ID: 2, Time: 10:30 AM, Seats Available: 15

Book Ticket

Bus ID: 3, Time: 02:00 PM, Seats Available: 30

Book Ticket

Bus ID: 4, Time: 06:00 PM, Seats Available: 10

Book Ticket

Figure 2: page that confirms when the user inputs the data and s