



# IndianOil

## JOURNEY RISK MANAGEMENT (JRM) STUDY

### IOCL Coimbatore Terminal to Star Service Station

#### Objective of the JRM Report

This JRM report is designed to ensure compliance with the Central Motor Vehicle Rules, 1989 (CMVR), AIS 140 standards, and the Road Transport Safety Policy (RTSP). It provides a comprehensive risk assessment for the transportation of hazardous materials along specified routes. By integrating these legal frameworks, the report offers a broad strategy for identifying and mitigating route-specific risks.

#### Regulatory Compliance

The report complies with the Central Motor Vehicles (Eleventh Amendment) Rules, 2022, mandating safe transportation practices for N2 and N3 category vehicles carrying hazardous materials. These rules require detailed route assessments, especially regarding road conditions, speed limits, and risk areas, to ensure safety compliance.

#### Risk Management Strategy

This report categorizes transportation routes into high-risk and medium-risk areas, with a focus on factors such as sharp turns, accident-prone regions, and elevation changes. The goal is to provide actionable

recommendations to minimize these risks, including speed regulations, driver warnings for hazardous zones, and the option of alternate routes.

## **Compliance with the Road Transport Safety Policy (RTSP)**

The report integrates RTSP provisions, including mandatory driving hours, rest periods, and nighttime driving restrictions. It ensures that drivers follow official guidelines, such as taking prescribed rest breaks and avoiding dangerous road conditions like poor visibility, heavy crowds, or high-traffic areas during peak hours.

## **Emergency Preparedness and Response**

The report highlights the significance of predetermined emergency stops for refueling, rest, and overnight stays. It includes protocols for safe responses to road hazards, alternative routes, and rerouting processes if roads are closed or severe weather arises. This aligns with the RTSP emphasis on driver safety and rapid emergency response.

## **Environmental Considerations**

The JRM report addresses environmental risks along the route, ensuring compliance with environmental protection laws in ecologically sensitive zones. It suggests strategies such as identifying areas near water bodies, forests, or populated regions and implementing safety measures to minimize environmental impacts during transport.

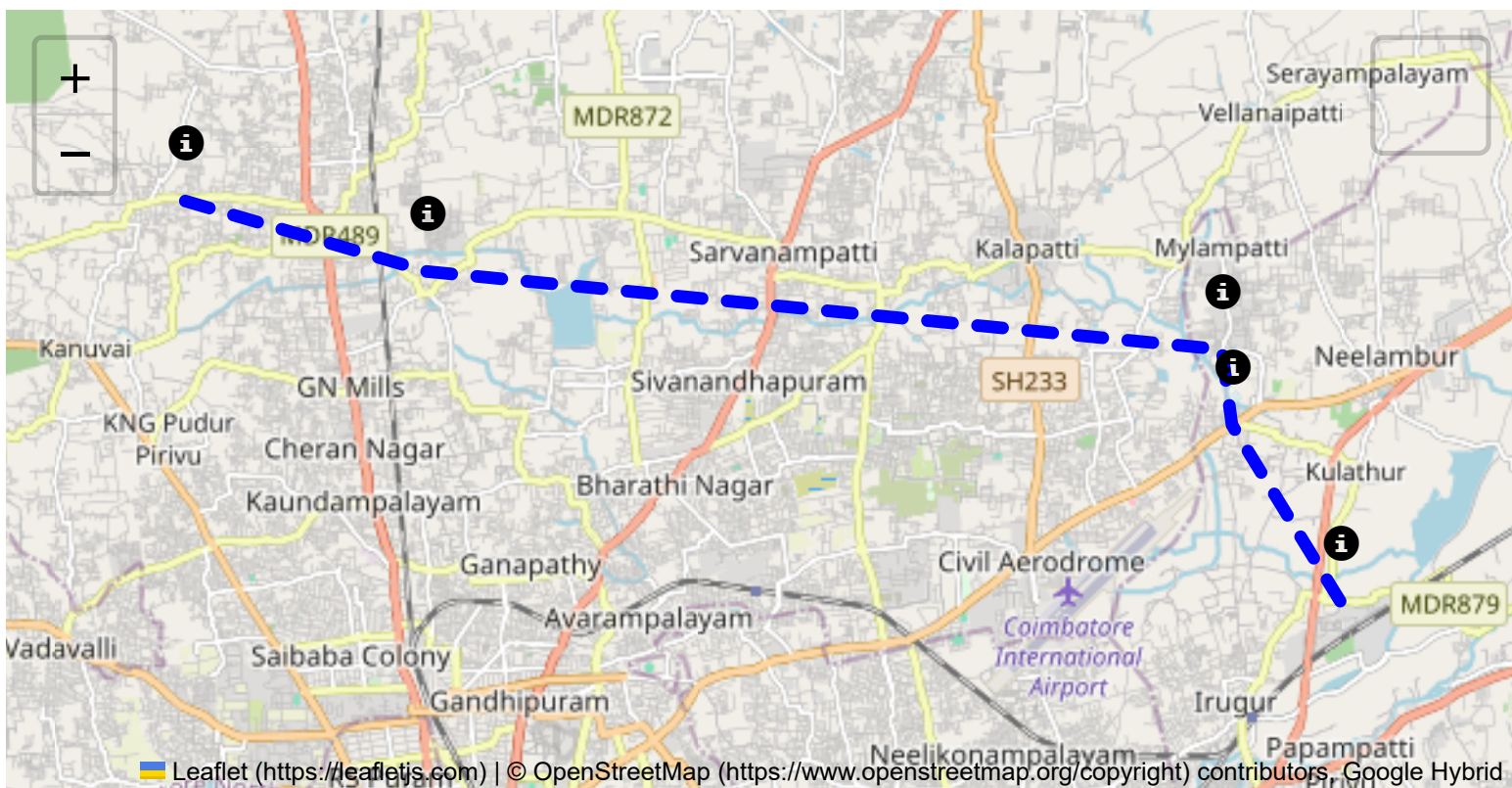
## **Journey Risk Mitigation**

The report includes route-specific risk assessments, detailed journey charts, and defensive driving guidelines for each transport route. Integration with vehicle tracking systems guarantees real-time warnings on hazardous areas, speed limits, and mandatory stops, consistent with RTSP and CMVR safety norms.

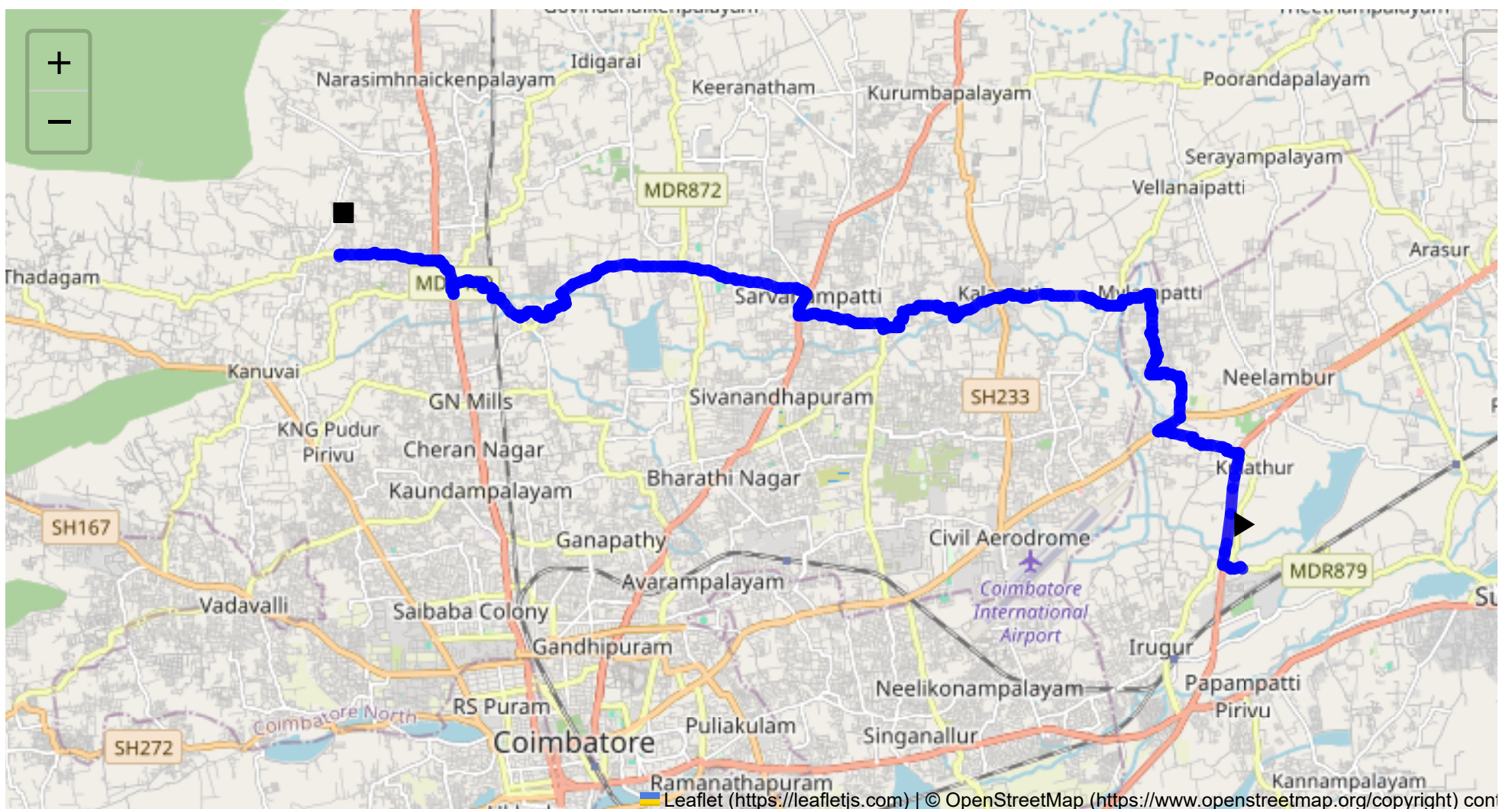
## **Compliance with Government Directives**

This report fully adheres to governmental directives regarding hazardous material transportation, implementing mandatory speed limits, nighttime driving restrictions, and comprehensive driver briefings and real-time alerts about route-related risks.





**Route Summary:**  
**Total Distance: 26.43 km**  
**Estimated Duration: 1.0 hours**  
**Adjusted Duration (Heavy Vehicle): 1.3 hours**  
**Start: (11.0315, 77.0797)**  
**End: (11.085127, 76.922005)**



## Welcome to the Journey Risk Management Study

### 1. Overview of the Route Map

The route from Athappagoundenpudur, Coimbatore to Thadagam Main Road, Pannimadai spans approximately 26.43 kilometers. The path runs through Chinniyampalayam, GEM Nagar, and Vellakinar Village in Coimbatore, utilizing a mix of urban and semi-urban roadways. This route involves traveling primarily on state highways and city roads, which are moderate in traffic density.



## 2. Typical Weather Conditions and Potential Weather-related Hazards

Coimbatore generally experiences a tropical wet and dry climate, with monsoon rains from June to September and peak heat in April and May. During the monsoon, there is a potential for localized flooding, which can lead to road blockages or slippery surfaces. Fog can be sporadic during the early mornings in winter, which may reduce visibility.

## 3. Analysis of Traffic Patterns

Traffic congestion is notable during morning (8:00-10:00 AM) and evening (5:30-8:00 PM) peak hours, especially near urban areas and intersections such as Chinniyampalayam and Vellakinar Village. These areas may experience slowdowns due to local commerce and residential activity. Being aware of alternate routes for these times can be beneficial.

## 4. Assessment of Road Quality and Infrastructure

The main state highways and city roads along this route are generally well-maintained, but expect minor roads, particularly towards village areas, to be narrower and with variable maintenance levels. Potholes and uneven surfaces may occasionally occur in less trafficked zones.

## 5. Suggestions for Alternative Routes in Emergencies

For emergencies, consider taking the following alternatives:

- Instead of passing through central Chinniyampalayam, use adjacent roads skirting the main urban congestion points.
- In case of blockage, bypass Vellakinar Village via adjacent rural routes, although they may add distance to your journey.

## 6. Summary of Local Regulations Affecting Hazardous Material Transport

Transporting hazardous materials through these routes requires compliance with local transport laws, which include designating routes and time restrictions to minimize disruption and danger in densely populated areas. Ensure adherence to regulation schedules and safety standards for hazardous freight.

## 7. Overview of Historical Incidents

Historically, the Coimbatore region has witnessed several traffic accidents, but incidents specifically involving heavy vehicles carrying hazardous materials are relatively rare. Increased caution and adherence to prescribed routes have reduced such instances.

## 8. Environmental Considerations and Sensitive Areas

Sensitive areas include rivers and water bodies near the route, requiring extra caution to prevent potential spills or contamination. It is crucial to follow stricter handling and detour protocols near these

environmentally sensitive zones.

## 9. Analysis of Communication Coverage

Mobile communication coverage is generally reliable throughout most of this route. However, specific pockets near rural zones might face reduced signal strength leading to potential dead zones, especially moving away from main urban centers.

## 10. Estimated Emergency Response Times

- Urban segments: Response times to incidents can typically range from 20-30 minutes.
- Semi-urban and rural segments: Expect longer response times, potentially up to 45 minutes to 1 hour, depending on distance and road accessibilities.

## 11. Overall Summary of Risk Assessment

The entire route poses moderate risks commonly associated with urban and semi-urban transport of hazardous materials involving traffic congestion, moderately maintained roads, and possible weather disruptions. Careful planning for alternate routes during peak times, awareness of local regulations involving hazardous materials, and preparing for communication dead zones will enhance safety. Efforts should be directed toward raising awareness about road conditions, quick response to weather forecasts, and staying vigilant to avoid environmental contamination near sensitive areas.

### Risk Assessment - Turns

|    | Risk Type  | Risk Level | Coordinates                   | Speed Limit |
|----|------------|------------|-------------------------------|-------------|
| 0  | U-Turn     | High       | 11.0549503, 77.0650284        | 10 KM/Hr    |
| 1  | U-Turn     | High       | 11.0788315, 76.94166009999999 | 10 KM/Hr    |
| 2  | Turn       | High       | 11.03211, 77.07640            | 15 KM/Hr    |
| 3  | Turn       | High       | 11.05129, 77.07919            | 15 KM/Hr    |
| 4  | Turn       | High       | 11.05181, 77.07696            | 15 KM/Hr    |
| 5  | Turn       | High       | 11.05222, 77.07690            | 15 KM/Hr    |
| 6  | Turn       | Medium     | 11.05343, 77.07106            | 30 KM/Hr    |
| 7  | Turn       | High       | 11.05351, 77.07099            | 15 KM/Hr    |
| 8  | Turn       | High       | 11.05411, 77.07097            | 15 KM/Hr    |
| 9  | Turn       | High       | 11.05529, 77.06566            | 15 KM/Hr    |
| 10 | Turn       | High       | 11.05495, 77.06503            | 15 KM/Hr    |
| 11 | Blind Spot | Blind Spot | 11.05507, 77.06496            | 10 KM/Hr    |

|    | Risk Type  | Risk Level | Coordinates        | Speed Limit |
|----|------------|------------|--------------------|-------------|
| 12 | Turn       | High       | 11.05751, 77.06875 | 15 KM/Hr    |
| 13 | Turn       | High       | 11.06437, 77.06865 | 15 KM/Hr    |
| 14 | Turn       | High       | 11.06490, 77.06371 | 15 KM/Hr    |
| 15 | Turn       | Medium     | 11.06501, 77.06366 | 30 KM/Hr    |
| 16 | Turn       | Medium     | 11.07201, 77.06366 | 30 KM/Hr    |
| 17 | Turn       | Medium     | 11.07209, 77.06370 | 30 KM/Hr    |
| 18 | Turn       | Medium     | 11.07220, 77.06393 | 30 KM/Hr    |
| 19 | Turn       | Medium     | 11.07232, 77.06400 | 30 KM/Hr    |
| 20 | Blind Spot | Blind Spot | 11.07865, 77.06377 | 10 KM/Hr    |
| 21 | Turn       | High       | 11.07773, 77.05884 | 15 KM/Hr    |
| 22 | Turn       | High       | 11.07800, 77.03706 | 15 KM/Hr    |
| 23 | Turn       | High       | 11.07798, 77.03706 | 15 KM/Hr    |
| 24 | Turn       | High       | 11.07795, 77.03702 | 15 KM/Hr    |
| 25 | Turn       | Medium     | 11.07475, 77.02954 | 30 KM/Hr    |
| 26 | Turn       | Medium     | 11.07479, 77.02937 | 30 KM/Hr    |
| 27 | Turn       | Medium     | 11.07621, 77.02892 | 30 KM/Hr    |
| 28 | Turn       | Medium     | 11.07629, 77.02884 | 30 KM/Hr    |
| 29 | Turn       | Medium     | 11.07626, 77.02677 | 30 KM/Hr    |
| 30 | Turn       | Medium     | 11.07680, 77.02632 | 30 KM/Hr    |
| 31 | Turn       | High       | 11.07573, 77.02044 | 15 KM/Hr    |
| 32 | Turn       | Medium     | 11.07299, 77.01959 | 30 KM/Hr    |
| 33 | Turn       | High       | 11.07291, 77.01953 | 15 KM/Hr    |
| 34 | Turn       | High       | 11.07278, 77.01700 | 15 KM/Hr    |
| 35 | Turn       | Medium     | 11.07368, 77.01680 | 30 KM/Hr    |
| 36 | Turn       | Medium     | 11.07376, 77.01665 | 30 KM/Hr    |
| 37 | Blind Spot | Blind Spot | 11.07496, 77.00208 | 10 KM/Hr    |
| 38 | Turn       | High       | 11.07859, 77.00367 | 15 KM/Hr    |
| 39 | Turn       | Medium     | 11.08256, 76.96684 | 30 KM/Hr    |
| 40 | Turn       | Medium     | 11.08194, 76.96664 | 30 KM/Hr    |
| 41 | Turn       | Medium     | 11.07903, 76.96085 | 30 KM/Hr    |
| 42 | Turn       | Medium     | 11.07704, 76.96129 | 30 KM/Hr    |
| 43 | Turn       | Medium     | 11.07685, 76.96118 | 30 KM/Hr    |
| 44 | Turn       | Medium     | 11.07588, 76.95866 | 30 KM/Hr    |
| 45 | Turn       | Medium     | 11.07473, 76.95760 | 30 KM/Hr    |

|    | Risk Type  | Risk Level | Coordinates        | Speed Limit |
|----|------------|------------|--------------------|-------------|
| 46 | Turn       | Medium     | 11.07507, 76.95643 | 30 KM/Hr    |
| 47 | Turn       | Medium     | 11.07576, 76.95601 | 30 KM/Hr    |
| 48 | Turn       | High       | 11.07511, 76.95338 | 15 KM/Hr    |
| 49 | Blind Spot | Blind Spot | 11.07471, 76.95339 | 10 KM/Hr    |
| 50 | Turn       | High       | 11.07799, 76.94879 | 15 KM/Hr    |
| 51 | Turn       | High       | 11.07937, 76.94864 | 15 KM/Hr    |
| 52 | Turn       | Medium     | 11.07939, 76.94847 | 30 KM/Hr    |
| 53 | Turn       | Medium     | 11.07943, 76.94843 | 30 KM/Hr    |
| 54 | Turn       | Medium     | 11.07976, 76.94830 | 30 KM/Hr    |
| 55 | Turn       | High       | 11.07983, 76.94703 | 15 KM/Hr    |
| 56 | Turn       | Medium     | 11.08071, 76.94665 | 30 KM/Hr    |
| 57 | Turn       | Medium     | 11.08110, 76.94430 | 30 KM/Hr    |
| 58 | Turn       | High       | 11.08027, 76.94161 | 15 KM/Hr    |
| 59 | Blind Spot | Blind Spot | 11.07883, 76.94166 | 10 KM/Hr    |
| 60 | Turn       | High       | 11.07884, 76.94157 | 15 KM/Hr    |
| 61 | Turn       | High       | 11.08438, 76.93915 | 15 KM/Hr    |
| 62 | Turn       | High       | 11.08534, 76.92186 | 15 KM/Hr    |

### Emergency Locations

|   | type     | name                                  | coordinates               | speed_limit | risk_level |
|---|----------|---------------------------------------|---------------------------|-------------|------------|
| 0 | hospital | KGM, Chinnampalayam                   | 11.0570076,<br>77.067239  | 30 km/h     | Medium     |
| 1 | hospital | Chinnampalayam Venkateshwara Hospital | 11.0545152,<br>77.0652106 | 30 km/h     | Medium     |
| 3 | hospital | R V Hospital, Coimbatore              | 11.0546916,<br>77.0639178 | 30 km/h     | Medium     |
| 4 | hospital | Kamalaprakasam, Kalapatti             | 11.0778, 77.035681        | 30 km/h     | Medium     |
| 5 | police   | Saravanampatti Police Station         | 11.0747296,<br>77.0027116 | 30 km/h     | Medium     |
| 6 | police   | B9 Saravanampatty Police Station      | 11.0747167,<br>77.0027098 | 30 km/h     | Medium     |

|    | type     | name                                   | coordinates               | speed_limit | risk_level |
|----|----------|--|---------------------------|-------------|------------|
| 8  | clinic   | Sri Loga Clinic                        | 11.072535,<br>77.0017429  | 30 km/h     | Medium     |
| 11 | hospital | KG Eye Hospital                        | 11.0825506,<br>76.997422  | 30 km/h     | Medium     |
| 18 | hospital | Government Urban Primary Health Center | 11.0827084,<br>76.9427442 | 30 km/h     | Medium     |
| 19 | pharmacy | thulasi pharmacy                       | 11.0803127,<br>76.9427166 | 30 km/h     | Medium     |
| 23 | police   | Thudiyalur Police Station              | 11.0820675,<br>76.9412411 | 30 km/h     | Medium     |
| 24 | hospital | Sri Lakshmi Hospital, Coimbatore       | 11.0782349,<br>76.9409348 | 30 km/h     | Medium     |
| 25 | hospital | bhagirathi hospital                    | 11.0794799,<br>76.9409445 | 30 km/h     | Medium     |
| 26 | police   | Thudiyalur Police Station              | 11.0819434,<br>76.9412392 | 30 km/h     | Medium     |

## Crowded Spots

|    | type    | name                                      | coordinates               | speed_limit | risk_level |
|----|---------|---|---------------------------|-------------|------------|
| 2  | school  | Government school                         | 11.0554435,<br>77.0653927 | 30 km/h     | Medium     |
| 7  | school  | Saravanampatty Elementary School          | 11.0763477,<br>77.0017133 | 30 km/h     | Medium     |
| 9  | school  | Ruby Matriculation School                 | 11.0824185,<br>77.0017383 | 30 km/h     | Medium     |
| 10 | school  | Vivekam CBSE School                       | 11.0791972,<br>76.9954015 | 30 km/h     | Medium     |
| 12 | college | KGISL IIM                                 | 11.0834337,<br>76.99715   | 30 km/h     | Medium     |
| 13 | school  | KGISL Institute of Information Management | 11.0834393,<br>76.997046  | 30 km/h     | Medium     |
| 14 | college | Sankara Institute of Technology           | 11.085373,<br>76.9854093  | 30 km/h     | Medium     |
| 15 | school  | Maharishi Vidhya Mandir                   | 11.0814298,<br>76.9813641 | 30 km/h     | Medium     |



|    | type        | name   | coordinates               | speed_limit | risk_level |
|----|-------------|--|---------------------------|-------------|------------|
| 17 | school      | coimbatore corporation thudiyalur middle school (east) | 11.082246,<br>76.946288   | 30 km/h     | Medium     |
| 20 | marketplace | Thudiyalur weekly market                               | 11.081423,<br>76.9421998  | 30 km/h     | Medium     |
| 21 | marketplace | tudiyalur cattle market                                | 11.081311,<br>76.9426497  | 30 km/h     | Medium     |
| 22 | marketplace | tudiyalur daily market                                 | 11.0811865,<br>76.9416802 | 30 km/h     | Medium     |

## Route Photos of Risky Spots



**Risk Type:** U-Turn

**Risk Level:** High

**Speed Limit:** 10 KM/Hr

**Coordinates:** 11.0549503, 77.0650284



**Risk Type:** U-Turn

**Risk Level:** High



**Speed Limit: 10 KM/Hr**

**Coordinates: 11.0788315, 76.94166009999999**



**Risk Type: Turn**

**Risk Level: High**

**Speed Limit: 15 KM/Hr**

**Coordinates: 11.03211, 77.07640**



**Risk Type: Turn**

**Risk Level: High**

**Speed Limit: 15 KM/Hr**

**Coordinates: 11.05129, 77.07919**





**Risk Type:** Turn

**Risk Level:** High

**Speed Limit:** 15 KM/Hr

**Coordinates:** 11.05181, 77.07696



**Risk Type:** Turn

**Risk Level:** High

**Speed Limit:** 15 KM/Hr

**Coordinates:** 11.05222, 77.07690





**Risk Type:** Turn  
**Risk Level:** Medium  
**Speed Limit:** 30 KM/Hr  
**Coordinates:** 11.05343, 77.07106



**Risk Type:** Turn  
**Risk Level:** High  
**Speed Limit:** 15 KM/Hr  
**Coordinates:** 11.05351, 77.07099



**Risk Type:** Turn  
**Risk Level:** High  
**Speed Limit:** 15 KM/Hr  
**Coordinates:** 11.05411, 77.07097





**Risk Type:** Turn

**Risk Level:** High

**Speed Limit:** 15 KM/Hr

**Coordinates:** 11.05529, 77.06566



**Risk Type:** Turn

**Risk Level:** High

**Speed Limit:** 15 KM/Hr

**Coordinates:** 11.05495, 77.06503





**Risk Type:** Blind Spot  
**Risk Level:** Blind Spot  
**Speed Limit:** 10 KM/Hr  
**Coordinates:** 11.05507, 77.06496



**Risk Type:** Turn  
**Risk Level:** High  
**Speed Limit:** 15 KM/Hr  
**Coordinates:** 11.05751, 77.06875



**Risk Type:** Turn  
**Risk Level:** High  
**Speed Limit:** 15 KM/Hr  
**Coordinates:** 11.06437, 77.06865





**Risk Type:** Turn

**Risk Level:** High

**Speed Limit:** 15 KM/Hr

**Coordinates:** 11.06490, 77.06371



**Risk Type:** Turn

**Risk Level:** Medium

**Speed Limit:** 30 KM/Hr

**Coordinates:** 11.06501, 77.06366





**Risk Type:** Turn  
**Risk Level:** Medium  
**Speed Limit:** 30 KM/Hr  
**Coordinates:** 11.07201, 77.06366



**Risk Type:** Turn  
**Risk Level:** Medium  
**Speed Limit:** 30 KM/Hr  
**Coordinates:** 11.07209, 77.06370



**Risk Type:** Turn  
**Risk Level:** Medium  
**Speed Limit:** 30 KM/Hr  
**Coordinates:** 11.07220, 77.06393





**Risk Type:** Turn

**Risk Level:** Medium

**Speed Limit:** 30 KM/Hr

**Coordinates:** 11.07232, 77.06400



**Risk Type:** Blind Spot

**Risk Level:** Blind Spot

**Speed Limit:** 10 KM/Hr

**Coordinates:** 11.07865, 77.06377





**Risk Type: Turn**

**Risk Level: High**

**Speed Limit: 15 KM/Hr**

**Coordinates: 11.07773, 77.05884**



**Risk Type: Turn**

**Risk Level: High**

**Speed Limit: 15 KM/Hr**

**Coordinates: 11.07798, 77.03706**



**Risk Type: Turn**

**Risk Level: High**

**Speed Limit: 15 KM/Hr**

**Coordinates: 11.07795, 77.03702**





**Risk Type:** Turn

**Risk Level:** Medium

**Speed Limit:** 30 KM/Hr

**Coordinates:** 11.07475, 77.02954



**Risk Type:** Turn

**Risk Level:** Medium

**Speed Limit:** 30 KM/Hr

**Coordinates:** 11.07479, 77.02937





**Risk Type: Turn**

**Risk Level: Medium**

**Speed Limit: 30 KM/Hr**

**Coordinates: 11.07621, 77.02892**



**Risk Type: Turn**

**Risk Level: Medium**

**Speed Limit: 30 KM/Hr**

**Coordinates: 11.07629, 77.02884**



**Risk Type: Turn**

**Risk Level: Medium**

**Speed Limit: 30 KM/Hr**

**Coordinates: 11.07626, 77.02677**





**Risk Type:** Turn

**Risk Level:** Medium

**Speed Limit:** 30 KM/Hr

**Coordinates:** 11.07680, 77.02632



**Risk Type:** Turn

**Risk Level:** High

**Speed Limit:** 15 KM/Hr

**Coordinates:** 11.07573, 77.02044





**Risk Type:** Turn  
**Risk Level:** Medium  
**Speed Limit:** 30 KM/Hr  
**Coordinates:** 11.07299, 77.01959



**Risk Type:** Turn  
**Risk Level:** High  
**Speed Limit:** 15 KM/Hr  
**Coordinates:** 11.07291, 77.01953



**Risk Type:** Turn  
**Risk Level:** Medium  
**Speed Limit:** 30 KM/Hr  
**Coordinates:** 11.07368, 77.01680





**Risk Type:** Turn

**Risk Level:** Medium

**Speed Limit:** 30 KM/Hr

**Coordinates:** 11.07376, 77.01665



**Risk Type:** Blind Spot

**Risk Level:** Blind Spot

**Speed Limit:** 10 KM/Hr

**Coordinates:** 11.07496, 77.00208





**Risk Type:** Turn

**Risk Level:** High

**Speed Limit:** 15 KM/Hr

**Coordinates:** 11.07859, 77.00367



**Risk Type:** Turn

**Risk Level:** Medium

**Speed Limit:** 30 KM/Hr

**Coordinates:** 11.08256, 76.96684



**Risk Type:** Turn

**Risk Level:** Medium

**Speed Limit:** 30 KM/Hr

**Coordinates:** 11.08194, 76.96664





**Risk Type:** Turn

**Risk Level:** Medium

**Speed Limit:** 30 KM/Hr

**Coordinates:** 11.07903, 76.96085

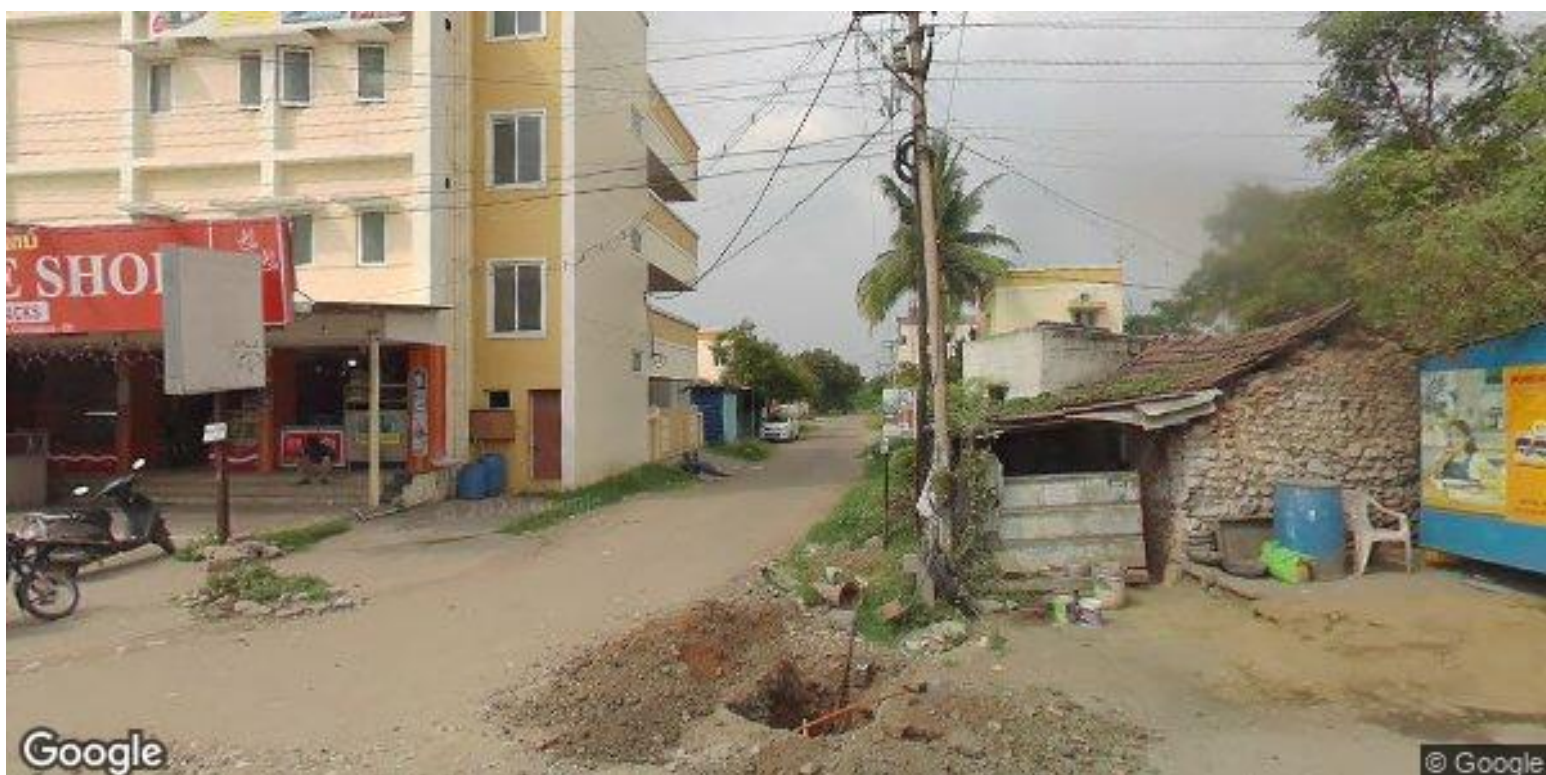


**Risk Type:** Turn

**Risk Level:** Medium

**Speed Limit:** 30 KM/Hr

**Coordinates:** 11.07588, 76.95866





**Risk Type:** Turn  
**Risk Level:** Medium  
**Speed Limit:** 30 KM/Hr  
**Coordinates:** 11.07473, 76.95760



**Risk Type:** Turn  
**Risk Level:** Medium  
**Speed Limit:** 30 KM/Hr  
**Coordinates:** 11.07507, 76.95643



**Risk Type:** Turn  
**Risk Level:** Medium  
**Speed Limit:** 30 KM/Hr  
**Coordinates:** 11.07576, 76.95601





**Risk Type:** Turn

**Risk Level:** High

**Speed Limit:** 15 KM/Hr

**Coordinates:** 11.07511, 76.95338



**Risk Type:** Blind Spot

**Risk Level:** Blind Spot

**Speed Limit:** 10 KM/Hr

**Coordinates:** 11.07471, 76.95339





**Risk Type:** Turn  
**Risk Level:** High  
**Speed Limit:** 15 KM/Hr  
**Coordinates:** 11.07799, 76.94879



**Risk Type:** Turn  
**Risk Level:** High  
**Speed Limit:** 15 KM/Hr  
**Coordinates:** 11.07937, 76.94864



**Risk Type:** Turn  
**Risk Level:** Medium  
**Speed Limit:** 30 KM/Hr  
**Coordinates:** 11.07939, 76.94847





**Risk Type:** Turn

**Risk Level:** Medium

**Speed Limit:** 30 KM/Hr

**Coordinates:** 11.07943, 76.94843



**Risk Type:** Turn

**Risk Level:** Medium

**Speed Limit:** 30 KM/Hr

**Coordinates:** 11.07976, 76.94830





**Risk Type:** Turn

**Risk Level:** High

**Speed Limit:** 15 KM/Hr

**Coordinates:** 11.07983, 76.94703



**Risk Type:** Turn

**Risk Level:** Medium

**Speed Limit:** 30 KM/Hr

**Coordinates:** 11.08071, 76.94665



**Risk Type:** Turn

**Risk Level:** Medium

**Speed Limit:** 30 KM/Hr

**Coordinates:** 11.08110, 76.94430





**Risk Type:** Turn

**Risk Level:** High

**Speed Limit:** 15 KM/Hr

**Coordinates:** 11.08027, 76.94161



**Risk Type:** Blind Spot

**Risk Level:** Blind Spot

**Speed Limit:** 10 KM/Hr

**Coordinates:** 11.07883, 76.94166





**Risk Type: Turn**

**Risk Level: High**

**Speed Limit: 15 KM/Hr**

**Coordinates: 11.07884, 76.94157**



**Risk Type: Turn**

**Risk Level: High**

**Speed Limit: 15 KM/Hr**

**Coordinates: 11.08438, 76.93915**



**Risk Type: Turn**

**Risk Level: High**

**Speed Limit: 15 KM/Hr**

**Coordinates: 11.08534, 76.92186**



