



IndianOil

JOURNEY RISK MANAGEMENT (JRM) STUDY

IOCL Coimbatore Terminal to Kalpana Agencies

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

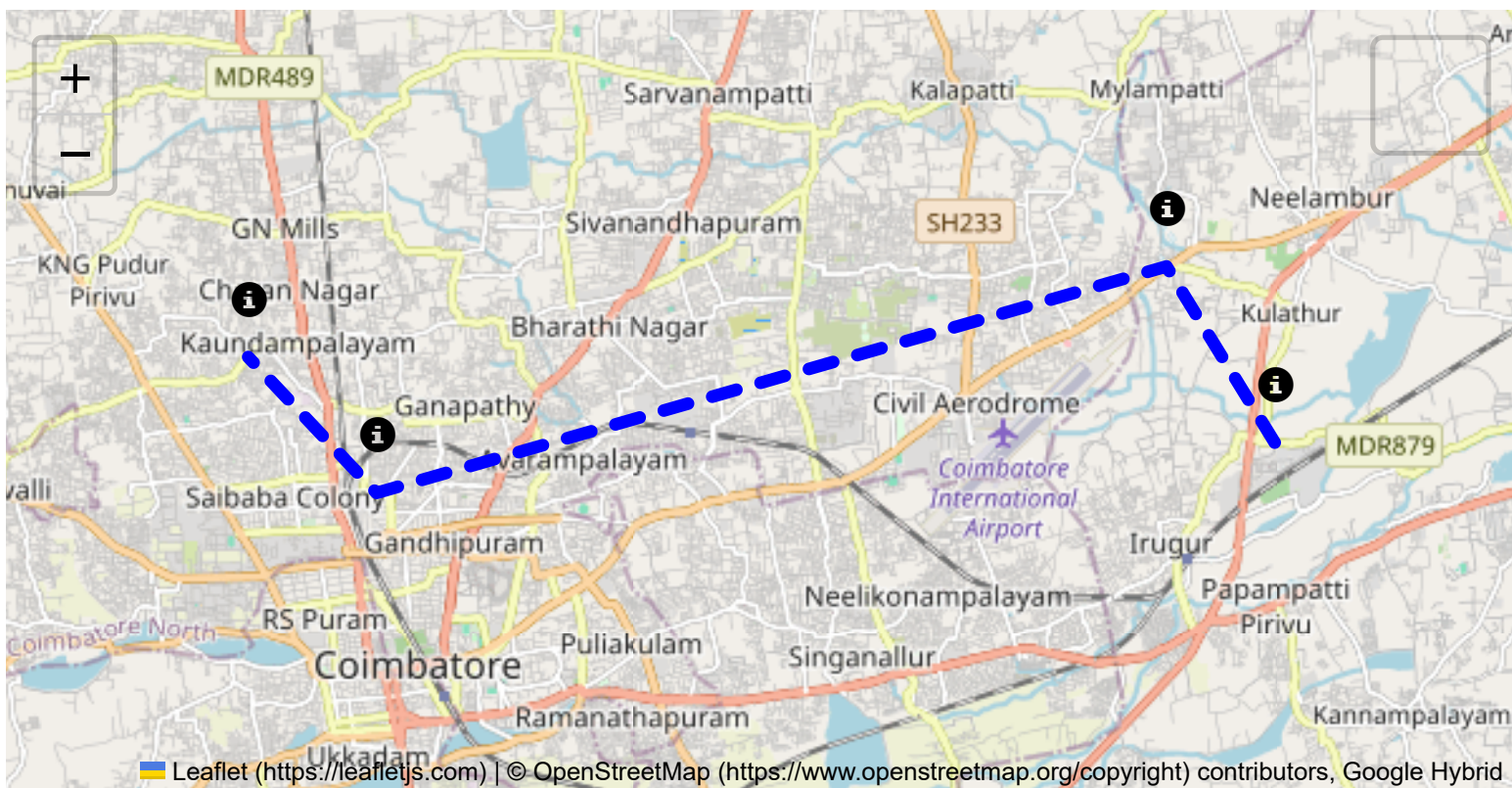
The JRM report addresses environmental risks along the route, ensuring compliance with environmental protection laws in ecologically sensitive zones. It suggests strategies such as identifying areas near water bodies, forests, or populated regions and implementing safety measures to minimize environmental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

Journey Risk Mitigation

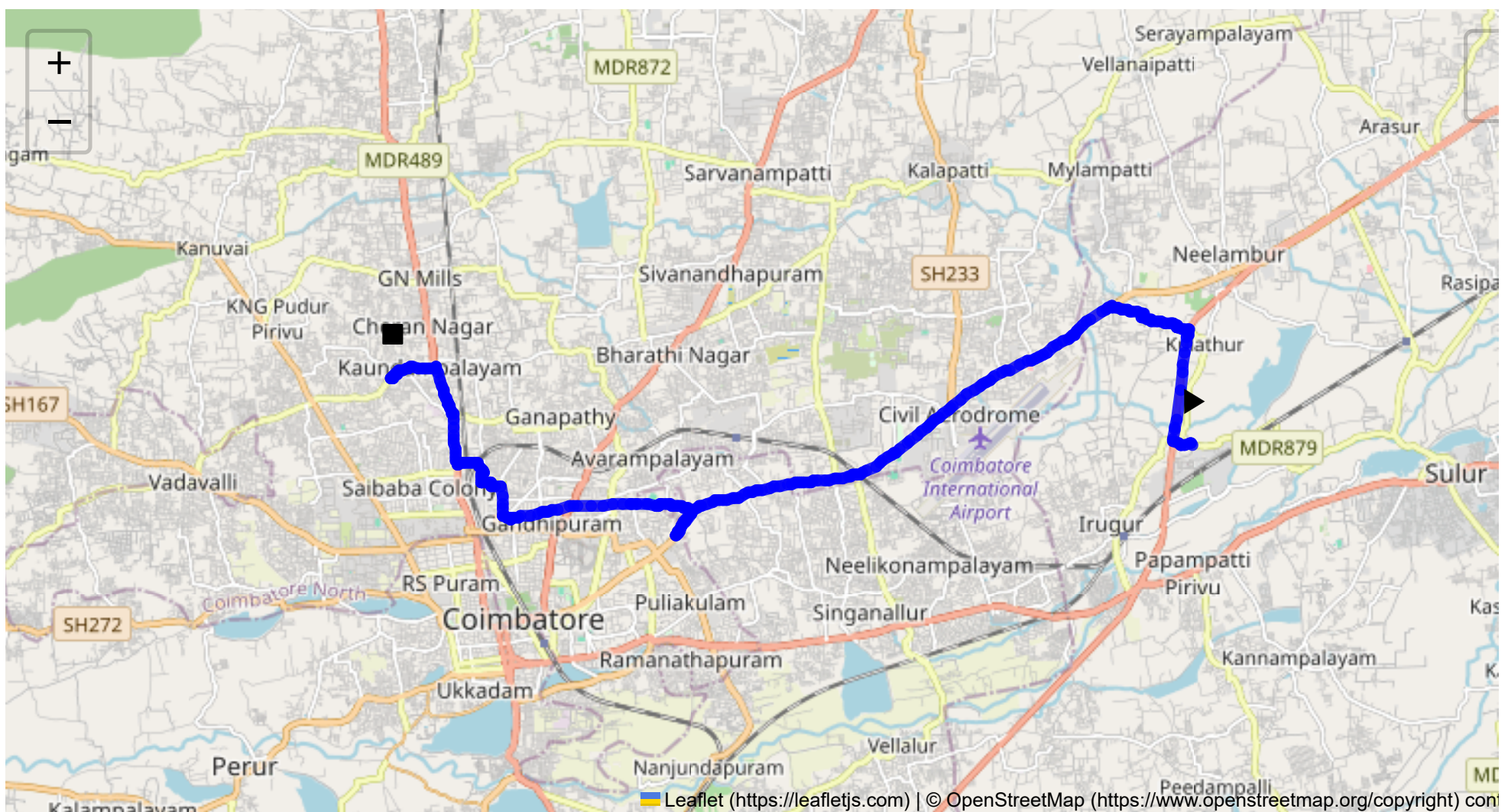
The report includes route-specific risk assessments, detailed journey charts, and defensive driving guidelines for each transport route. Integration with vehicle tracking systems guarantees real-time warnings on hazardous areas, speed limits, and mandatory stops, consistent with RTSP and CMVR safety 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: 22.75 km
Estimated Duration: 0.8 hours
Adjusted Duration (Heavy Vehicle): 1.0 hours
Start: (11.0315, 77.0797)
End: (11.042968770201512, 76.93982402324681)



Welcome to the Journey Risk Management Study

1. Overview of the Route Map

The route covers a distance of approximately 22.75 kilometers, starting from Athappagoundenpudur in Coimbatore, traveling via Chinniyampalayam, Teachers Colony, and passing through Sivananda Colony in Tatabad, before reaching the final destination at Anbu Nagar, Veerapandi in Coimbatore. The route

involves navigating through both urban and suburban areas, incorporating state highways and smaller roads typical in city peripheries.

2. Typical Weather Conditions and Potential Weather-Related Hazards

Coimbatore generally experiences a tropical wet and dry climate. The weather is relatively stable, with monsoons between June to August. During this period, heavy rainfall can cause road slickness and minor flooding in low-lying areas. Visibility can be reduced during heavy rain, and roadside waterlogging might be an issue around poorly drained areas.

3. Traffic Patterns

Traffic can be dense, especially during peak hours (8 AM - 10 AM and 5 PM - 7 PM) in urban areas such as Chinniyampalayam and Tatabad due to daily commuters. Congestion-prone areas include junctions in Sivananda Colony and near major intersections in the city. Anticipate slower movement during these times.

4. Assessment of Road Quality and Infrastructure

The road quality varies from well-maintained state highways to narrower city roads with potholes in some urban parts. Infrastructure such as traffic signals and signage is generally in good condition within city limits, although rural sections may lack adequate signage.

5. Suggestions for Alternative Routes for Emergencies

In case of emergency, using the city's ring road or bypass facilities might help avoid traffic congestion. Potential detour routes should be checked closer to departure for updated traffic conditions.

6. Summary of Local Regulations Affecting Hazardous Material Transport

Transport of hazardous materials through Coimbatore is regulated by specific routes designated for trucks. Drivers must adhere to specified timings (usually night hours for heavy vehicles) and loading/unloading zones. It's critical to remain updated with regional transport authorities for current guidelines to prevent infringements.

7. Overview of Historical Incidents Involving Heavy Vehicles or Hazardous Materials

There are occasional reports of accidents involving heavy vehicles around Coimbatore due to driver fatigue and mechanical failures. However, incidents specific to hazardous materials are less common, suggesting reasonable enforcement of safety standards. Historical incident hotspots align with high traffic areas.

8. Environmental Considerations and Sensitive Areas

The route passes through suburban and slightly densely populated urban environments, alongside academic institutions in Tatabad, requiring adherence to environmental noise and emissions regulations. There are no significant natural reserves along this specific path.

9. Analysis of Communication Coverage

Telecommunication coverage is generally reliable along the route, with minor potential dead zones in sparsely populated or infrastructurally underdeveloped areas. Service disruptions are unlikely within urban Coimbatore.

10. Estimated Emergency Response Times

Emergency response times within city limits, notably in Tatabad and Chinniyampalayam, are within 15-20 minutes, owing to nearby police, fire stations, and hospitals. In rural segments, response may be slower, averaging 30 minutes.

12. Overall Summary of Risk Assessment

This route poses moderate risk primarily due to traffic congestion and varying road conditions. The rainy season introduces additional risks related to weather, particularly in less-developed segments prone to waterlogging. Ensuring compliance with hazardous transport regulations, maintaining vehicle standards, adhering to alternate timings, and planning for potential detours are advised for optimal safety.

In conclusion, with proper planning and adherence to safety guidelines, the route is manageable for transporting hazardous materials. Real-time navigation updates and weather monitoring are recommended tools for the driver’s safety and efficiency.

Risk Assessment - Turns

| | Risk Type | Risk Level | Coordinates | Speed Limit |
|---|-----------|------------|-------------------------------|-------------|
| 0 | U-Turn | High | 11.0161282, 76.9896128 | 10 KM/Hr |
| 1 | U-Turn | High | 11.0283074, 76.95130449999999 | 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 | Medium | 11.05181, 77.07696 | 30 KM/Hr |
| 5 | Turn | High | 11.05222, 77.07690 | 15 KM/Hr |
| 6 | Turn | Medium | 11.05343, 77.07106 | 30 KM/Hr |
| 7 | Turn | Medium | 11.05351, 77.07099 | 30 KM/Hr |
| 8 | Turn | Medium | 11.05411, 77.07097 | 30 KM/Hr |
| 9 | Turn | High | 11.05529, 77.06566 | 15 KM/Hr |

| | Risk Type | Risk Level | Coordinates | Speed Limit |
|----|------------|------------|--------------------|-------------|
| 10 | Turn | High | 11.01613, 76.98961 | 15 KM/Hr |
| 11 | Blind Spot | Blind Spot | 11.01618, 76.98951 | 10 KM/Hr |
| 12 | Turn | High | 11.02014, 76.99212 | 15 KM/Hr |
| 13 | Turn | Medium | 11.02051, 76.99177 | 30 KM/Hr |
| 14 | Turn | Medium | 11.02133, 76.98668 | 30 KM/Hr |
| 15 | Turn | Medium | 11.02098, 76.98650 | 30 KM/Hr |
| 16 | Turn | Medium | 11.02095, 76.98646 | 30 KM/Hr |
| 17 | Turn | Medium | 11.02132, 76.98270 | 30 KM/Hr |
| 18 | Turn | Medium | 11.01886, 76.96047 | 30 KM/Hr |
| 19 | Turn | High | 11.01891, 76.96036 | 15 KM/Hr |
| 20 | Turn | Medium | 11.01890, 76.96035 | 30 KM/Hr |
| 21 | Turn | Medium | 11.01889, 76.96029 | 30 KM/Hr |
| 22 | Turn | High | 11.01944, 76.95923 | 15 KM/Hr |
| 23 | Turn | High | 11.02444, 76.95905 | 15 KM/Hr |
| 24 | Turn | High | 11.02446, 76.95713 | 15 KM/Hr |
| 25 | Turn | High | 11.02504, 76.95710 | 15 KM/Hr |
| 26 | Turn | Medium | 11.02503, 76.95553 | 30 KM/Hr |
| 27 | Turn | Medium | 11.02514, 76.95541 | 30 KM/Hr |
| 28 | Turn | High | 11.02696, 76.95577 | 15 KM/Hr |
| 29 | Turn | Medium | 11.02700, 76.95569 | 30 KM/Hr |
| 30 | Turn | Medium | 11.02847, 76.95462 | 30 KM/Hr |
| 31 | Turn | High | 11.02838, 76.95130 | 15 KM/Hr |
| 32 | Turn | High | 11.02831, 76.95130 | 15 KM/Hr |
| 33 | Turn | High | 11.02831, 76.95120 | 15 KM/Hr |
| 34 | Turn | High | 11.03863, 76.94972 | 15 KM/Hr |
| 35 | Turn | Medium | 11.03865, 76.94966 | 30 KM/Hr |
| 36 | Turn | High | 11.04488, 76.94741 | 15 KM/Hr |
| 37 | Turn | Medium | 11.04405, 76.94077 | 30 KM/Hr |
| 38 | Turn | High | 11.04361, 76.94066 | 15 KM/Hr |
| 39 | Turn | Medium | 11.04340, 76.94006 | 30 KM/Hr |
| 40 | Turn | Medium | 11.04313, 76.93992 | 30 KM/Hr |
| 41 | Blind Spot | Blind Spot | 11.04302, 76.93966 | 10 KM/Hr |
| 42 | Turn | Medium | 11.04296, 76.93970 | 30 KM/Hr |
| 43 | Turn | High | 11.04294, 76.93976 | 15 KM/Hr |

Emergency Locations

| | type | name | coordinates | speed_limit | risk_level |
|----|----------|---|---------------------------|-------------|------------|
| 0 | hospital | KGM, Chinniampalayam | 11.0570076, 77.067239 | 30 km/h | Medium |
| 1 | hospital | Chinniampalayam Venkateshwara Hospital | 11.0545152, 77.0652106 | 30 km/h | Medium |
| 3 | hospital | R V Hospital, Coimbatore | 11.0546916, 77.0639178 | 30 km/h | Medium |
| 5 | hospital | Kovai Medical Centre,Coimbatore | 11.0426077, 77.0406074 | 30 km/h | Medium |
| 6 | hospital | Lotus Eye Care Hospital Ltd, Coimbatore | 11.0406116, 77.0401856 | 30 km/h | Medium |
| 7 | hospital | Park Hospital, Coimbatore | 11.0419411, 77.0379131 | 30 km/h | Medium |
| 13 | hospital | St Lukes Hospital, Coimbatore | 11.0335424, 77.0376261 | 30 km/h | Medium |
| 15 | hospital | Coimbatore Medical College Hospital | 11.0289285, 77.0237553 | 30 km/h | Medium |
| 17 | hospital | Rajah Hospital, Coimbatore | 11.0270299, 77.0187333 | 30 km/h | Medium |
| 18 | hospital | Sumith Hospital | 11.0261493, 77.0176752 | 30 km/h | Medium |
| 19 | police | Peelamedu E2 Police Station | 11.0253639, 77.0101634 | 30 km/h | Medium |
| 25 | hospital | Hindusthan Hospital, Coimbatore | 11.019682, 76.9947731 | 30 km/h | Medium |
| 26 | hospital | Sri Ramakrishna Dental Hospital | 11.0212988, 76.9883526 | 30 km/h | Medium |
| 32 | hospital | Sri Ramakrishna Hospital, Coimbatore | 11.0231203, 76.9776419 | 30 km/h | Medium |
| 33 | hospital | Sri Ramakrishna Hospital | 11.0236015, 76.976512 | 30 km/h | Medium |
| 35 | clinic | Shark Clinic | 11.0188961, 76.9744842 | 30 km/h | Medium |
| 36 | hospital | Ramakrishna Hospital | 11.0207084, 76.972413 | 30 km/h | Medium |

| | type | name | coordinates | speed_limit | risk_level |
|----|----------|---|---------------------------|-------------|------------|
| 37 | hospital | Ellen Multispeciality Hospital | 11.0213634, 76.9708723 | 30 km/h | Medium |
| 38 | hospital | GP Hospital | 11.0201233, 76.9710726 | 30 km/h | Medium |
| 39 | pharmacy | Chinnaiah Medicals | 11.0207714, 76.9688485 | 30 km/h | Medium |
| 40 | hospital | Becker Manual Hospital | 11.020659, 76.968611 | 30 km/h | Medium |
| 41 | pharmacy | Pasumai Pharmacy | 11.0203554, 76.966338 | 30 km/h | Medium |
| 42 | clinic | C.S.R. Nursing Home, Coimbatore | 11.0209812, 76.9661131 | 30 km/h | Medium |
| 43 | hospital | Jeevan Clinic and Hospital, Coimbatore | 11.019947, 76.9670891 | 30 km/h | Medium |
| 44 | hospital | Nithya Hospital | 11.0210366, 76.9665217 | 30 km/h | Medium |
| 48 | clinic | Aiswarya Clinic | 11.0228593, 76.9656034 | 30 km/h | Medium |
| 49 | hospital | Preethi Medical Centre | 11.0208486, 76.9649585 | 30 km/h | Medium |
| 50 | hospital | City Hospital | 11.0193391, 76.9635166 | 30 km/h | Medium |
| 51 | hospital | Bethel Hospital | 11.0190021, 76.962084 | 30 km/h | Medium |
| 52 | hospital | Bethel Hospital Pvt. Ltd. - Coimbatore | 11.0187223, 76.9612328 | 30 km/h | Medium |
| 53 | hospital | The Balakrishnan Hospital | 11.0190567, 76.9625585 | 30 km/h | Medium |
| 54 | hospital | Lalitha Hospital | 11.0174139, 76.9617565 | 30 km/h | Medium |
| 55 | hospital | Roselet Medical ObgandSurgical Centre | 11.0177943, 76.9612482 | 30 km/h | Medium |
| 56 | pharmacy | Apollo | 11.0187962, 76.9603231 | 30 km/h | Medium |
| 57 | hospital | Kongunad Hospital, Coimbatore | 11.018058, 76.9604883 | 30 km/h | Medium |
| 58 | hospital | Sheela Clinic | 11.01843, 76.9604642 | 30 km/h | Medium |
| 59 | pharmacy | arya vaidhya salai | 11.0193537, 76.9603411 | 30 km/h | Medium |

| | type | name | coordinates | speed_limit | risk_level |
|----|--------------|---|---------------------------|-------------|------------|
| 60 | hospital | Sengottaiah Hospital, Coimbatore | 11.0225148, 76.9601579 | 30 km/h | Medium |
| 61 | hospital | Sathya Medical Centre & Hospital | 11.0238937, 76.9582121 | 30 km/h | Medium |
| 62 | hospital | Eye Trust Hospital | 11.0242987, 76.9582327 | 30 km/h | Medium |
| 63 | hospital | Ganga Hospital | 11.026129, 76.9524873 | 30 km/h | Medium |
| 67 | police | C-3 Saibaba Colony Police Station | 11.0266348, 76.9515967 | 30 km/h | Medium |
| 70 | hospital | Dr.Sengaliappan Nursing Home, Coimbatore | 11.0272375, 76.9501348 | 30 km/h | Medium |
| 71 | hospital | K T V R Group Hospital | 11.026167, 76.9499384 | 30 km/h | Medium |
| 73 | clinic | Akshaya Clinic | 11.0271033, 76.9496102 | 30 km/h | Medium |
| 74 | hospital | Onecare Ortho Hospital | 11.026568, 76.948798 | 30 km/h | Medium |
| 75 | clinic | Shree Kanna Clinic | 11.026359, 76.948803 | 30 km/h | Medium |
| 77 | hospital | Womens Medical Centre, Coimbatore | 11.0337824, 76.9517175 | 30 km/h | Medium |
| 78 | hospital | Dr. BRJ Ortho Centre | 11.0340354, 76.9512209 | 30 km/h | Medium |
| 79 | hospital | H. S. Hospital | 11.0418035, 76.9477855 | 30 km/h | Medium |
| 80 | hospital | Krithika Hospital , Tiruppur | 11.0424742, 76.9476856 | 30 km/h | Medium |
| 81 | hospital | Padmavathy Hospital | 11.0427427, 76.9477212 | 30 km/h | Medium |
| 82 | hospital | Malar Hpl Goundanpalayam | 11.0437293, 76.9475494 | 30 km/h | Medium |
| 83 | fire_station | Tamilnadu fire and rescue services | 11.0440949, 76.9485156 | 30 km/h | Medium |
| 84 | hospital | Kalpana Medical Centre | 11.0469835, 76.9476787 | 30 km/h | Medium |

Crowded Spots

| | type | name | coordinates | speed_limit | risk_level |
|----|-----------------|---|---------------------------|-------------|------------|
| 2 | school | Government school | 11.0554435, 77.0653927 | 30 km/h | Medium |
| 4 | school | Sri Vivekananda Matriculation Higher Secondary School | 11.054695, 77.0572126 | 30 km/h | Medium |
| 8 | school | Park Global School | 11.0424178, 77.038601 | 30 km/h | Medium |
| 9 | traffic_signals | SITRA Junction | 11.0380037, 77.0374143 | 30 km/h | Medium |
| 10 | college | South India Textile Research Association - SITRA | 11.0396478, 77.0355493 | 30 km/h | Medium |
| 11 | college | PSG College of Arts and Science | 11.0328471, 77.034909 | 30 km/h | Medium |
| 12 | school | RAK's Pallikoodam | 11.0381253, 77.0329064 | 30 km/h | Medium |
| 14 | college | Government Polytechnic | 11.0300874, 77.0308517 | 30 km/h | Medium |
| 16 | traffic_signals | Hope College Signal | 11.0263851, 77.0208783 | 30 km/h | Medium |
| 20 | school | Sardar Vallabhbhai Patel International School of Textiles & Management | 11.0253598, 77.0082319 | 30 km/h | Medium |
| 21 | college | PSG College of Technology | 11.024807, 77.0029194 | 30 km/h | Medium |
| 22 | school | PSG Sarva Jana Higher Secondary School | 11.0227214, 77.0040432 | 30 km/h | Medium |
| 23 | college | PSG Institute of Management | 11.0228112, 77.0030943 | 30 km/h | Medium |
| 24 | college | PSG Grounds | 11.0203887, 77.0047109 | 30 km/h | Medium |
| 27 | college | Sri Ramakrishna Dental College | 11.0213038, 76.9883559 | 30 km/h | Medium |
| 28 | college | SNR College of Arts and Science | 11.0219743, 76.9877109 | 30 km/h | Medium |
| 29 | college | Sri Ramakrishna College of Arts & Science | 11.022171, 76.98703 | 30 km/h | Medium |
| 30 | school | Sri Ramakrishna Matric Higher Secondary School | 11.023175, 76.9847233 | 30 km/h | Medium |

| | type | name | coordinates | speed_limit | risk_level |
|----|-----------------|---|---------------------------|-------------|------------|
| 31 | college | Sri Ramakrishna Arts and Science College for Womens | 11.0223964, 76.9780502 | 30 km/h | Medium |
| 34 | school | P.R.Sidha Naidu Memorial Matriculation School | 11.0221084, 76.9765552 | 30 km/h | Medium |
| 45 | school | St. Mary's Primary School | 11.0218649, 76.9672728 | 30 km/h | Medium |
| 46 | school | St. Mar's High School | 11.0221987, 76.9674321 | 30 km/h | Medium |
| 47 | school | Brindisi Matric. Ir. Sec. School | 11.0226114, 76.9672831 | 30 km/h | Medium |
| 64 | marketplace | Saibaba Colony Vegetable Market | 11.0261428, 76.951784 | 30 km/h | Medium |
| 65 | traffic_signals | Saibaba Temple Signal | 11.0269678, 76.9512074 | 30 km/h | Medium |
| 66 | traffic_signals | Saibaba Temple Signal | 11.0269695, 76.9513556 | 30 km/h | Medium |
| 68 | marketplace | M.G.R.Wholesale Market | 11.0304613, 76.9497095 | 30 km/h | Medium |
| 69 | school | Amrit Special needs school | 11.0298208, 76.9503161 | 30 km/h | Medium |
| 72 | school | Ramalingam Primary School | 11.0256049, 76.9510321 | 30 km/h | Medium |

Route Photos of Risky Spots



Risk Type: U-Turn

Risk Level: High

Speed Limit: 10 KM/Hr

Coordinates: 11.0161282, 76.9896128



Risk Type: U-Turn

Risk Level: High

Speed Limit: 10 KM/Hr

Coordinates: 11.0283074, 76.95130449999999



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: Medium
Speed Limit: 30 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: Medium

Speed Limit: 30 KM/Hr

Coordinates: 11.05351, 77.07099



Risk Type: Turn

Risk Level: Medium

Speed Limit: 30 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: 11.01613, 76.98961



Risk Type: Blind Spot
Risk Level: Blind Spot
Speed Limit: 10 KM/Hr
Coordinates: 11.01618, 76.98951



Risk Type: Turn
Risk Level: High
Speed Limit: 15 KM/Hr
Coordinates: 11.02014, 76.99212



Risk Type: Turn

Risk Level: Medium

Speed Limit: 30 KM/Hr

Coordinates: 11.02051, 76.99177



Risk Type: Turn

Risk Level: Medium

Speed Limit: 30 KM/Hr

Coordinates: 11.02133, 76.98668



Risk Type: Turn

Risk Level: Medium

Speed Limit: 30 KM/Hr

Coordinates: 11.02098, 76.98650



Risk Type: Turn

Risk Level: Medium

Speed Limit: 30 KM/Hr

Coordinates: 11.02095, 76.98646



Risk Type: Turn

Risk Level: Medium

Speed Limit: 30 KM/Hr

Coordinates: 11.02132, 76.98270



Risk Type: Turn
Risk Level: Medium
Speed Limit: 30 KM/Hr
Coordinates: 11.01886, 76.96047



Risk Type: Turn
Risk Level: High
Speed Limit: 15 KM/Hr
Coordinates: 11.01891, 76.96036



Risk Type: Turn
Risk Level: Medium
Speed Limit: 30 KM/Hr
Coordinates: 11.01890, 76.96035



Risk Type: Turn

Risk Level: Medium

Speed Limit: 30 KM/Hr

Coordinates: 11.01889, 76.96029



Risk Type: Turn

Risk Level: High

Speed Limit: 15 KM/Hr

Coordinates: 11.01944, 76.95923



Risk Type: Turn

Risk Level: High

Speed Limit: 15 KM/Hr

Coordinates: 11.02444, 76.95905



Risk Type: Turn

Risk Level: High

Speed Limit: 15 KM/Hr

Coordinates: 11.02504, 76.95710



Risk Type: Turn

Risk Level: Medium

Speed Limit: 30 KM/Hr

Coordinates: 11.02503, 76.95553



Risk Type: Turn

Risk Level: Medium

Speed Limit: 30 KM/Hr

Coordinates: 11.02514, 76.95541



Risk Type: Turn

Risk Level: High

Speed Limit: 15 KM/Hr

Coordinates: 11.02696, 76.95577



Risk Type: Turn
Risk Level: Medium
Speed Limit: 30 KM/Hr
Coordinates: 11.02700, 76.95569



Risk Type: Turn
Risk Level: Medium
Speed Limit: 30 KM/Hr
Coordinates: 11.02847, 76.95462



Risk Type: Turn
Risk Level: High
Speed Limit: 15 KM/Hr
Coordinates: 11.02838, 76.95130



Risk Type: Turn

Risk Level: High

Speed Limit: 15 KM/Hr

Coordinates: 11.02831, 76.95130



Risk Type: Turn

Risk Level: High

Speed Limit: 15 KM/Hr

Coordinates: 11.02831, 76.95120



Risk Type: Turn
Risk Level: High
Speed Limit: 15 KM/Hr
Coordinates: 11.03863, 76.94972



Risk Type: Turn
Risk Level: Medium
Speed Limit: 30 KM/Hr
Coordinates: 11.03865, 76.94966



Risk Type: Turn
Risk Level: High
Speed Limit: 15 KM/Hr
Coordinates: 11.04488, 76.94741



Risk Type: Turn

Risk Level: Medium

Speed Limit: 30 KM/Hr

Coordinates: 11.04405, 76.94077



Risk Type: Turn

Risk Level: High

Speed Limit: 15 KM/Hr

Coordinates: 11.04361, 76.94066



Risk Type: Turn
Risk Level: Medium
Speed Limit: 30 KM/Hr
Coordinates: 11.04340, 76.94006



Risk Type: Turn
Risk Level: Medium
Speed Limit: 30 KM/Hr
Coordinates: 11.04313, 76.93992



Risk Type: Blind Spot
Risk Level: Blind Spot
Speed Limit: 10 KM/Hr
Coordinates: 11.04302, 76.93966



Risk Type: Turn

Risk Level: Medium

Speed Limit: 30 KM/Hr

Coordinates: 11.04296, 76.93970



Risk Type: Turn

Risk Level: High

Speed Limit: 15 KM/Hr

Coordinates: 11.04294, 76.93976
