



IndianOil

JOURNEY RISK MANAGEMENT (JRM) STUDY

Salem Terminal to AMMAN FUIELS

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

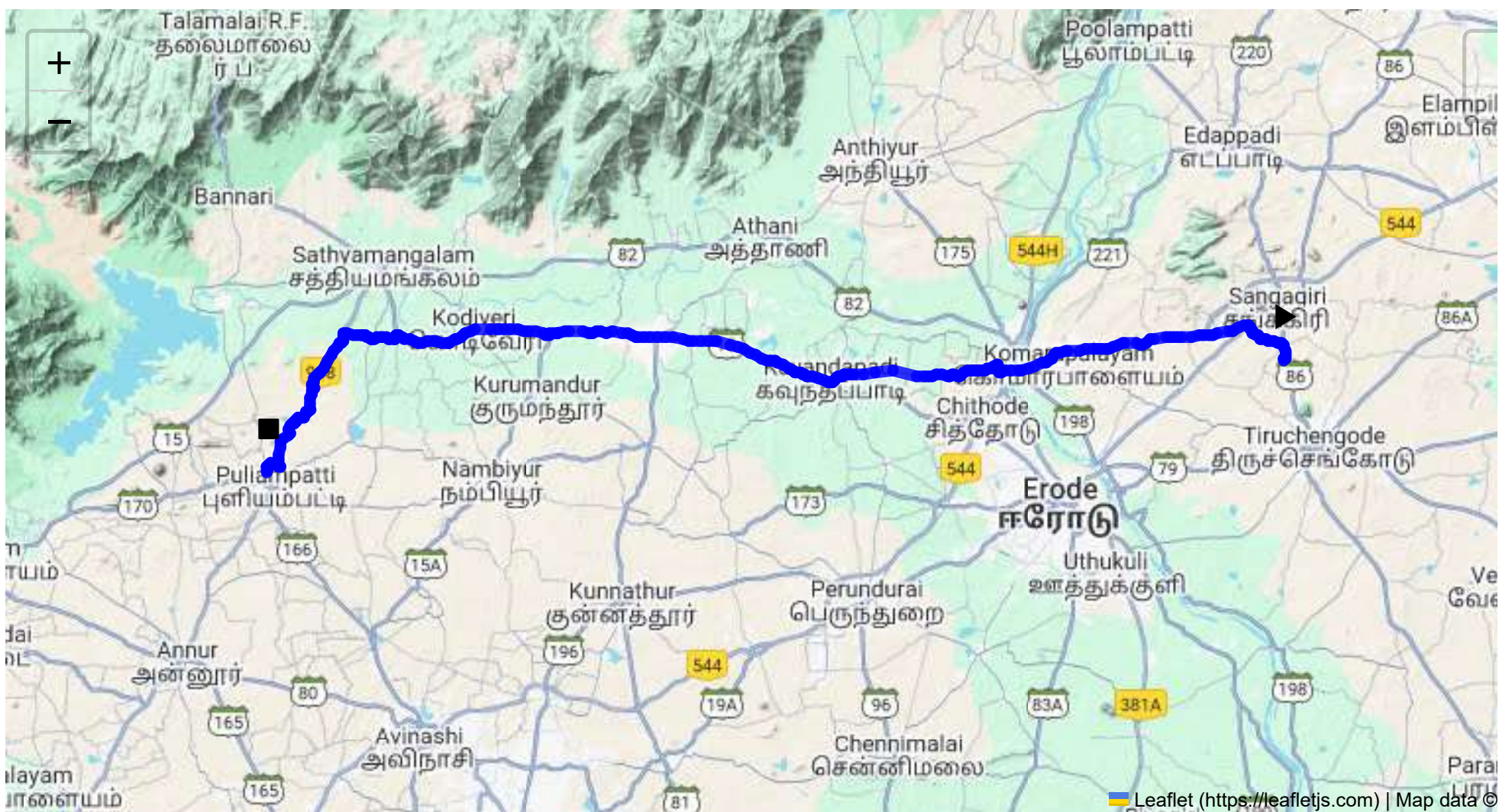
The report includes route-specific risk assessments, detailed journey charts, and defensive driving guidelines for each transport route. Integration with vehicle tracking systems guarantees real-time warnings on hazardous areas, speed limits, and mandatory stops, consistent with RTSP and CMVR safety 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: 92.04 km
Estimated Duration: 2.0 hours
Adjusted Duration (Heavy Vehicle): 2.5 hours
Start: (11.4381, 77.8734)
End: (11.362139, 77.162582)



Welcome to the Journey Risk Management Study

1. Overview of the Route Map

The route from CVQF+23W, Sangagiri to 245, Avinashi-Puliampatty-Bhavanisagar Rd spans approximately 92.04 kilometers and passes through key locations including Kalingarayanpalayam and Movender Nagar, Bhavani. The journey primarily utilizes regional roads and state highways, which are frequented by local and inter-state traffic, including agricultural and industrial transport.

2. Typical Weather Conditions and Potential Weather-Related Hazards

Tamil Nadu generally experiences a tropical climate. The route is subject to rainfalls during the southwest (June to September) and northeast monsoons (October to December). Potential weather-related hazards include heavy rains causing slippery roads and reduced visibility, especially during monsoon seasons. Summer temperatures can soar, posing heat risks that may affect vehicles not properly maintained.

3. Analysis of Traffic Patterns

- **Peak Hours:** Morning (7:00 AM - 10:00 AM) and evening (4:00 PM - 7:00 PM) peaks, with increased congestion due to local commute and school timings.
- **Congestion-Prone Areas:** Market areas within towns, intersections near Sangagiri and Bhavani, and approaches to Gandhipuram are prone to congestion.

4. Assessment of Road Quality and Infrastructure

- **Road Quality:** Varies from well-maintained state highways to narrower village roads. Some segments may have potholes and uneven surfaces, demanding cautious driving, especially for heavy vehicles.
- **Infrastructure:** Mixed infrastructural support, with some well-marked lanes and signage but can lack in areas needing road widening and better lighting.

5. Suggestions for Alternative Routes for Emergencies

Alternate routes include:

- Diverting through NH44 for a more direct route to circumvent town traffic.
- Use state highways branching from Bhavani as potential detours if congestion or incidents block primary pathways. These alternatives might slightly extend travel time but are crucial for emergencies.

6. Summary of Local Regulations Affecting Hazardous Material Transport

Regulations require transporters to ensure:

- Proper labeling and documentation of hazardous materials.
- Compliance with safety standards and vehicle condition checks.
- Avoidance of transport during peak traffic hours for safety and efficiency.

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

Historically, incidents have occurred due to overloading, vehicle breakdowns, and inadequate attention to weather conditions. Bhavani town has reported some derailments and overturns owing to sharp bends and narrow lanes.

8. Environmental Considerations and Sensitive Areas

- Sensitive Areas:** Include villages with schools and hospitals where speed limits and noise restrictions are enforced.
- Special care should be taken near water bodies and agricultural land to avoid contamination from leaks or spills.

9. Analysis of Communication Coverage, Noting Potential Dead Zones

Generally robust mobile network coverage across most of the route with potential dead zones in rural and less populated areas, notably around Movender Nagar and certain stretches between Bhavani and Puliampatti.

10. Estimated Emergency Response Times for Different Route Segments

- Urban and Major Towns (Sangagiri, Bhavani):** Approximately 15-30 minutes.
- Rural/Remote Areas:** Can range from 30-60 minutes due to distance from emergency services.

11. Overall Summary of Risk Assessment

This route involves a moderate level of risk for transporting hazardous materials due to variable road conditions, potential congestion, and weather impacts. Adequate preparation, adherence to regulations, and awareness of alternate pathways are essential for safe transit. Enhanced driver training focusing on local hazards and emergency response protocols will help mitigate these risks. Consideration of alternative transport timings and close communication with local authorities can further enhance safety measures.

Risk Assessment - Turns

	Risk Type	Risk Level	Coordinates	Speed Limit
0	Turn	High	11.43968, 77.87345	15 KM/Hr
1	Turn	High	11.44024, 77.87528	15 KM/Hr
2	Turn	High	11.44898, 77.87410	15 KM/Hr
3	Turn	High	11.45352, 77.85698	15 KM/Hr
4	Turn	Medium	11.45847, 77.85140	30 KM/Hr
5	Turn	Medium	11.45898, 77.85135	30 KM/Hr
6	Turn	High	11.46303, 77.84945	15 KM/Hr

	Risk Type	Risk Level	Coordinates	Speed Limit
7	Turn	Medium	11.44965, 77.77565	30 KM/Hr
8	Turn	Medium	11.44953, 77.77344	30 KM/Hr
9	Turn	Medium	11.43165, 77.67734	30 KM/Hr
10	Turn	High	11.43003, 77.67551	15 KM/Hr
11	Turn	High	11.43026, 77.67525	15 KM/Hr
12	Turn	High	11.43099, 77.67543	15 KM/Hr
13	Turn	Medium	11.43113, 77.67507	30 KM/Hr
14	Turn	High	11.43600, 77.67354	15 KM/Hr
15	Turn	High	11.43441, 77.67066	15 KM/Hr
16	Turn	Medium	11.43327, 77.67052	30 KM/Hr
17	Turn	High	11.43273, 77.67018	15 KM/Hr
18	Turn	Medium	11.43345, 77.66711	30 KM/Hr
19	Turn	Medium	11.43169, 77.66404	30 KM/Hr
20	Turn	Medium	11.43223, 77.65342	30 KM/Hr
21	Turn	Medium	11.43076, 77.65028	30 KM/Hr
22	Turn	Medium	11.42778, 77.64605	30 KM/Hr
23	Turn	Medium	11.42838, 77.56918	30 KM/Hr
24	Turn	Medium	11.42716, 77.56422	30 KM/Hr
25	Turn	Medium	11.42686, 77.56206	30 KM/Hr
26	Turn	High	11.42335, 77.55788	15 KM/Hr
27	Turn	High	11.45744, 77.36602	15 KM/Hr
28	Turn	Medium	11.45747, 77.36596	30 KM/Hr
29	Turn	Medium	11.45752, 77.36274	30 KM/Hr
30	Turn	Medium	11.45639, 77.35783	30 KM/Hr
31	Turn	Medium	11.45039, 77.28947	30 KM/Hr
32	Turn	High	11.45616, 77.25388	15 KM/Hr
33	Turn	High	11.45630, 77.25276	15 KM/Hr
34	Turn	High	11.45388, 77.25209	15 KM/Hr
35	Turn	High	11.45371, 77.25149	15 KM/Hr
36	Turn	Medium	11.45338, 77.25152	30 KM/Hr
37	Turn	High	11.45298, 77.25182	15 KM/Hr
38	Turn	High	11.45270, 77.25157	15 KM/Hr
39	Turn	High	11.45322, 77.24737	15 KM/Hr
40	Turn	High	11.45359, 77.24737	15 KM/Hr

	Risk Type	Risk Level	Coordinates	Speed Limit
41	Turn	High	11.45308, 77.23644	15 KM/Hr
42	Turn	High	11.45545, 77.23047	15 KM/Hr
43	Turn	High	11.45516, 77.22964	15 KM/Hr
44	Turn	High	11.45579, 77.22906	15 KM/Hr
45	Turn	Medium	11.45555, 77.22843	30 KM/Hr
46	Turn	High	11.45708, 77.21660	15 KM/Hr
47	Turn	Medium	11.45133, 77.21539	30 KM/Hr
48	Turn	Medium	11.44526, 77.20901	30 KM/Hr
49	Turn	Medium	11.44191, 77.20802	30 KM/Hr
50	Turn	Medium	11.42118, 77.19387	30 KM/Hr
51	Turn	Medium	11.42011, 77.19479	30 KM/Hr
52	Turn	Medium	11.40439, 77.19241	30 KM/Hr
53	Turn	High	11.40345, 77.19021	15 KM/Hr
54	Turn	Medium	11.40005, 77.18895	30 KM/Hr
55	Turn	Medium	11.39979, 77.18857	30 KM/Hr
56	Turn	Medium	11.39934, 77.18451	30 KM/Hr
57	Turn	Medium	11.39567, 77.18066	30 KM/Hr
58	Turn	Medium	11.39420, 77.17876	30 KM/Hr
59	Turn	Medium	11.39093, 77.17788	30 KM/Hr
60	Turn	Medium	11.38887, 77.17830	30 KM/Hr
61	Turn	Medium	11.38734, 77.17792	30 KM/Hr
62	Turn	Medium	11.38270, 77.17262	30 KM/Hr
63	Turn	High	11.36614, 77.17146	15 KM/Hr
64	Turn	High	11.36779, 77.16456	15 KM/Hr
65	Turn	Medium	11.36649, 77.16377	30 KM/Hr
66	Turn	High	11.36575, 77.16204	15 KM/Hr

Emergency Locations

	type	name	coordinates	speed_limit	risk_level
3	hospital	Dhanvanthri Hospital	11.4496712, 77.7593772	30 km/h	Medium

	type	name	coordinates	speed_limit	risk_level
4	hospital	J.K.K. Trust Hospital	11.4445841, 77.7307962	30 km/h	Medium
6	hospital	Shri Sathyanarayana Hospital	11.4291297, 77.6913408	30 km/h	Medium
7	hospital	Thanish Siddha Hospital	11.430003, 77.674964	30 km/h	Medium
8	clinic	Harshitha Clinic	11.4313207, 77.674718	30 km/h	Medium
9	hospital	Sri Kaalangi Siddhar Mooligai Vaithiya Nilayam	11.432369, 77.674894	30 km/h	Medium
10	clinic	G.K Clinic	11.4297244, 77.6749715	30 km/h	Medium
11	clinic	Velavan Homoeo Clinic	11.4367087, 77.6761472	30 km/h	Medium
12	hospital	PST Mahaa Hospital	11.4312903, 77.6585751	30 km/h	Medium
13	hospital	Dharun Hospital	11.4223638, 77.5597735	30 km/h	Medium
14	hospital	Dr. Ramaswamy Hospital	11.4249065, 77.5535658	30 km/h	Medium
15	hospital	Dakshin Trauma Centre	11.454593, 77.4461819	30 km/h	Medium
16	hospital	Dakshin Hospital	11.4546301, 77.445905	30 km/h	Medium
17	hospital	Sri Varahi Herbal Research Centre and Hospital	11.4539333, 77.4427438	30 km/h	Medium
18	clinic	Germen Homeopathy Clinic	11.4536305, 77.4394692	30 km/h	Medium
19	hospital	KKS Hospital	11.4551792, 77.4392927	30 km/h	Medium
20	hospital	Siranjeeve Hospitals	11.453132, 77.4344382	30 km/h	Medium
21	clinic	Anandhan Clinic	11.4548037, 77.4349074	30 km/h	Medium
22	hospital	Ramachandran Hospital	11.452242, 77.434641	30 km/h	Medium
23	hospital	Kumaran Hospital	11.4533971, 77.4349621	30 km/h	Medium
24	hospital	JP Hospital	11.454765, 77.438257	30 km/h	Medium

	type	name	coordinates	speed_limit	risk_level
25	hospital	Gobi Neuro Mind Care	11.4548344, 77.434649	30 km/h	Medium
27	hospital	Hariharan Hospital	11.4523578, 77.4299287	30 km/h	Medium
28	hospital	Vasanth Hospital	11.4526864, 77.4292173	30 km/h	Medium
29	hospital	KKRS Hospital	11.45417, 77.430584	30 km/h	Medium
30	clinic	Jeeva Nursing Home	11.4533031, 77.4294145	30 km/h	Medium
31	hospital	Sathya Hospital	11.4561856, 77.4298694	30 km/h	Medium
32	hospital	S K Hospital	11.4540106, 77.430108	30 km/h	Medium
33	hospital	Sivakami Hospital	11.4531846, 77.4299288	30 km/h	Medium
34	clinic	Sri Sudha Physiotherapy Clinic	11.4559915, 77.4300217	30 km/h	Medium
35	hospital	Arun Hospital	11.4538121, 77.4305743	30 km/h	Medium
36	clinic	Sairam Clinic	11.4560122, 77.4306716	30 km/h	Medium
37	clinic	Anand Nursing Home	11.4553169, 77.4296248	30 km/h	Medium
38	clinic	Kanmani Child Care Clinic	11.4545273, 77.428668	30 km/h	Medium
39	hospital	Sivasakthi Hospital	11.4544711, 77.4297229	30 km/h	Medium
40	clinic	NMS Cardio Care Clinic	11.4550147, 77.430786	30 km/h	Medium
41	hospital	SS Children's Hospital	11.4555386, 77.4296357	30 km/h	Medium
42	hospital	Poorani Ravichandran Hospital	11.4550863, 77.4307802	30 km/h	Medium
43	hospital	Kavitha Children's Hospital	11.4565402, 77.4310815	30 km/h	Medium
44	hospital	SP Dhanapal Hospital	11.4559935, 77.4304406	30 km/h	Medium
45	clinic	Gobi Siddha Health Centre	11.455616, 77.4307062	30 km/h	Medium

	type	name	coordinates	speed_limit	risk_level
46	clinic	Sri Dhanvantari Siddha Clinic	11.4561216, 77.4295797	30 km/h	Medium
47	hospital	M.S Children's Hospital	11.4556012, 77.4301006	30 km/h	Medium
48	hospital	Gobi Diabetic Hospital	11.455394, 77.4301181	30 km/h	Medium
49	clinic	Dr. Ramesh Babu Clinic	11.4560871, 77.4296353	30 km/h	Medium
50	hospital	Sankareswari Eye Hospital	11.4572997, 77.428765	30 km/h	Medium
51	hospital	Dr. Moorthy Hospital	11.4546045, 77.4308533	30 km/h	Medium
52	hospital	SP Hospital	11.456607, 77.430302	30 km/h	Medium
55	hospital	Government Hospital	11.4565126, 77.4288768	30 km/h	Medium
56	pharmacy	Abirami Medicals	11.4550894, 77.4309286	30 km/h	Medium
57	hospital	U M Hospital	11.4544151, 77.4240386	30 km/h	Medium
58	hospital	Best Hospital	11.4543558, 77.4263617	30 km/h	Medium
59	hospital	Dr. Gopal Hospital	11.455258, 77.422901	30 km/h	Medium
60	hospital	Rajasekaran Hospital	11.454463, 77.4262	30 km/h	Medium
61	hospital	Samuel Hospital	11.4542555, 77.4271194	30 km/h	Medium
62	hospital	Neha Hospital	11.4560138, 77.4270219	30 km/h	Medium
63	hospital	Arun Hospital	11.4548852, 77.4250314	30 km/h	Medium
64	hospital	Sri Chakra Hospital	11.4544464, 77.4228363	30 km/h	Medium
65	clinic	VG Ortho Centre	11.4550504, 77.4225102	30 km/h	Medium
66	clinic	Palaniappa Clinic	11.4555925, 77.4202828	30 km/h	Medium
67	hospital	Abi SK Hospital	11.457163, 77.412487	30 km/h	Medium

	type	name	coordinates	speed_limit	risk_level
68	clinic	Nalam Vazh S.K Siddha and Varma Clinic	11.457576, 77.412164	30 km/h	Medium
70	clinic	Singiripalayam Natarajan Siddha Ortho Care	11.4603252, 77.3183801	30 km/h	Medium

Crowded Spots

	type	name	coordinates	speed_limit	risk_level
0	school	KRP Matric. Hr. Sec School	11.4546193, 77.8142445	30 km/h	Medium
1	college	Vivekanandha Engineering College	11.4589312, 77.7899284	30 km/h	Medium
2	marketplace	Monday market	11.452863, 77.775989	30 km/h	Medium
5	school	SSM Matriculation Higher Secondary School	11.4321653, 77.6880046	30 km/h	Medium
26	school	Shree Vidyalaya Matric Higher Secondary School	11.4536114, 77.4383163	30 km/h	Medium
53	school	Diamond Jubilee Higher Secondary School	11.4529541, 77.4280306	30 km/h	Medium
54	school	CKK Palaniammal School	11.4569211, 77.4276828	30 km/h	Medium
69	school	Saratha Techno School	11.4544819, 77.379986	30 km/h	Medium
71	school	Saratha International School	11.4541471, 77.3032962	30 km/h	Medium

Route Photos of Risky Spots



Risk Type: Turn

Risk Level: High

Speed Limit: 15 KM/Hr

Coordinates: 11.44024, 77.87528



Risk Type: Turn

Risk Level: High

Speed Limit: 15 KM/Hr

Coordinates: 11.44898, 77.87410



Risk Type: Turn
Risk Level: High
Speed Limit: 15 KM/Hr
Coordinates: 11.45352, 77.85698



Risk Type: Turn
Risk Level: Medium
Speed Limit: 30 KM/Hr
Coordinates: 11.45847, 77.85140



Risk Type: Turn
Risk Level: Medium
Speed Limit: 30 KM/Hr
Coordinates: 11.45898, 77.85135



Risk Type: Turn

Risk Level: High

Speed Limit: 15 KM/Hr

Coordinates: 11.46303, 77.84945



Risk Type: Turn

Risk Level: Medium

Speed Limit: 30 KM/Hr

Coordinates: 11.44965, 77.77565



Risk Type: Turn
Risk Level: Medium
Speed Limit: 30 KM/Hr
Coordinates: 11.44953, 77.77344



Risk Type: Turn
Risk Level: Medium
Speed Limit: 30 KM/Hr
Coordinates: 11.43165, 77.67734



Risk Type: Turn
Risk Level: High
Speed Limit: 15 KM/Hr
Coordinates: 11.43003, 77.67551



Risk Type: Turn

Risk Level: High

Speed Limit: 15 KM/Hr

Coordinates: 11.43026, 77.67525



Risk Type: Turn

Risk Level: High

Speed Limit: 15 KM/Hr

Coordinates: 11.43099, 77.67543



Risk Type: Turn

Risk Level: Medium

Speed Limit: 30 KM/Hr

Coordinates: 11.43113, 77.67507



Risk Type: Turn

Risk Level: High

Speed Limit: 15 KM/Hr

Coordinates: 11.43600, 77.67354



Risk Type: Turn

Risk Level: High

Speed Limit: 15 KM/Hr

Coordinates: 11.43441, 77.67066



Risk Type: Turn

Risk Level: Medium

Speed Limit: 30 KM/Hr

Coordinates: 11.43327, 77.67052



Risk Type: Turn

Risk Level: High

Speed Limit: 15 KM/Hr

Coordinates: 11.43273, 77.67018



Risk Type: Turn
Risk Level: Medium
Speed Limit: 30 KM/Hr
Coordinates: 11.43345, 77.66711



Risk Type: Turn
Risk Level: Medium
Speed Limit: 30 KM/Hr
Coordinates: 11.43169, 77.66404



Risk Type: Turn
Risk Level: Medium
Speed Limit: 30 KM/Hr
Coordinates: 11.43223, 77.65342



Risk Type: Turn

Risk Level: Medium

Speed Limit: 30 KM/Hr

Coordinates: 11.43076, 77.65028



Risk Type: Turn

Risk Level: Medium

Speed Limit: 30 KM/Hr

Coordinates: 11.42778, 77.64605



Risk Type: Turn
Risk Level: Medium
Speed Limit: 30 KM/Hr
Coordinates: 11.42838, 77.56918



Risk Type: Turn
Risk Level: Medium
Speed Limit: 30 KM/Hr
Coordinates: 11.42716, 77.56422



Risk Type: Turn
Risk Level: Medium
Speed Limit: 30 KM/Hr
Coordinates: 11.42686, 77.56206



Risk Type: Turn

Risk Level: High

Speed Limit: 15 KM/Hr

Coordinates: 11.42335, 77.55788



Risk Type: Turn

Risk Level: High

Speed Limit: 15 KM/Hr

Coordinates: 11.45744, 77.36602



Risk Type: Turn
Risk Level: Medium
Speed Limit: 30 KM/Hr
Coordinates: 11.45747, 77.36596



Risk Type: Turn
Risk Level: Medium
Speed Limit: 30 KM/Hr
Coordinates: 11.45752, 77.36274



Risk Type: Turn
Risk Level: Medium
Speed Limit: 30 KM/Hr
Coordinates: 11.45639, 77.35783



Risk Type: Turn

Risk Level: Medium

Speed Limit: 30 KM/Hr

Coordinates: 11.45039, 77.28947



Risk Type: Turn

Risk Level: High

Speed Limit: 15 KM/Hr

Coordinates: 11.45616, 77.25388



Risk Type: Turn
Risk Level: High
Speed Limit: 15 KM/Hr
Coordinates: 11.45630, 77.25276



Risk Type: Turn
Risk Level: High
Speed Limit: 15 KM/Hr
Coordinates: 11.45388, 77.25209



Risk Type: Turn
Risk Level: High
Speed Limit: 15 KM/Hr
Coordinates: 11.45371, 77.25149



Risk Type: Turn

Risk Level: Medium

Speed Limit: 30 KM/Hr

Coordinates: 11.45338, 77.25152



Risk Type: Turn

Risk Level: High

Speed Limit: 15 KM/Hr

Coordinates: 11.45298, 77.25182



Risk Type: Turn
Risk Level: High
Speed Limit: 15 KM/Hr
Coordinates: 11.45270, 77.25157



Risk Type: Turn
Risk Level: High
Speed Limit: 15 KM/Hr
Coordinates: 11.45322, 77.24737



Risk Type: Turn
Risk Level: High
Speed Limit: 15 KM/Hr
Coordinates: 11.45359, 77.24737



Risk Type: Turn

Risk Level: High

Speed Limit: 15 KM/Hr

Coordinates: 11.45308, 77.23644



Risk Type: Turn

Risk Level: High

Speed Limit: 15 KM/Hr

Coordinates: 11.45545, 77.23047



Risk Type: Turn
Risk Level: High
Speed Limit: 15 KM/Hr
Coordinates: 11.45516, 77.22964



Risk Type: Turn
Risk Level: High
Speed Limit: 15 KM/Hr
Coordinates: 11.45579, 77.22906



Risk Type: Turn
Risk Level: Medium
Speed Limit: 30 KM/Hr
Coordinates: 11.45555, 77.22843



Risk Type: Turn

Risk Level: High

Speed Limit: 15 KM/Hr

Coordinates: 11.45708, 77.21660



Risk Type: Turn

Risk Level: Medium

Speed Limit: 30 KM/Hr

Coordinates: 11.45133, 77.21539



Risk Type: Turn
Risk Level: Medium
Speed Limit: 30 KM/Hr
Coordinates: 11.44526, 77.20901



Risk Type: Turn
Risk Level: Medium
Speed Limit: 30 KM/Hr
Coordinates: 11.44191, 77.20802



Risk Type: Turn
Risk Level: Medium
Speed Limit: 30 KM/Hr
Coordinates: 11.42118, 77.19387



Risk Type: Turn

Risk Level: Medium

Speed Limit: 30 KM/Hr

Coordinates: 11.42011, 77.19479



Risk Type: Turn

Risk Level: Medium

Speed Limit: 30 KM/Hr

Coordinates: 11.40439, 77.19241



Risk Type: Turn
Risk Level: High
Speed Limit: 15 KM/Hr
Coordinates: 11.40345, 77.19021



Risk Type: Turn
Risk Level: Medium
Speed Limit: 30 KM/Hr
Coordinates: 11.40005, 77.18895



Risk Type: Turn
Risk Level: Medium
Speed Limit: 30 KM/Hr
Coordinates: 11.39979, 77.18857



Risk Type: Turn

Risk Level: Medium

Speed Limit: 30 KM/Hr

Coordinates: 11.39934, 77.18451



Risk Type: Turn

Risk Level: Medium

Speed Limit: 30 KM/Hr

Coordinates: 11.39567, 77.18066



Risk Type: Turn

Risk Level: Medium

Speed Limit: 30 KM/Hr

Coordinates: 11.39420, 77.17876



Risk Type: Turn

Risk Level: Medium

Speed Limit: 30 KM/Hr

Coordinates: 11.39093, 77.17788



Risk Type: Turn

Risk Level: Medium

Speed Limit: 30 KM/Hr

Coordinates: 11.38887, 77.17830



Risk Type: Turn

Risk Level: Medium

Speed Limit: 30 KM/Hr

Coordinates: 11.38734, 77.17792



Risk Type: Turn

Risk Level: Medium

Speed Limit: 30 KM/Hr

Coordinates: 11.38270, 77.17262



Risk Type: Turn
Risk Level: High
Speed Limit: 15 KM/Hr
Coordinates: 11.36614, 77.17146



Risk Type: Turn
Risk Level: High
Speed Limit: 15 KM/Hr
Coordinates: 11.36779, 77.16456



Risk Type: Turn
Risk Level: Medium
Speed Limit: 30 KM/Hr
Coordinates: 11.36649, 77.16377



Risk Type: Turn

Risk Level: High

Speed Limit: 15 KM/Hr

Coordinates: 11.36575, 77.16204
