

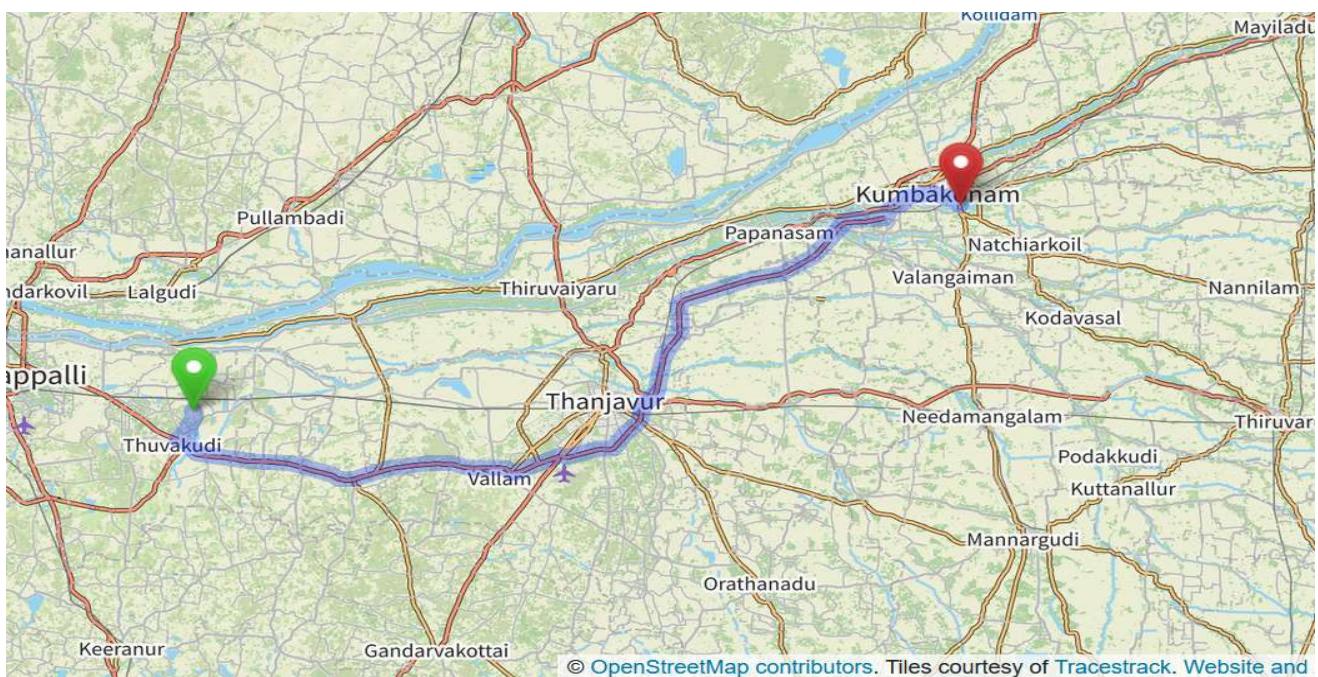
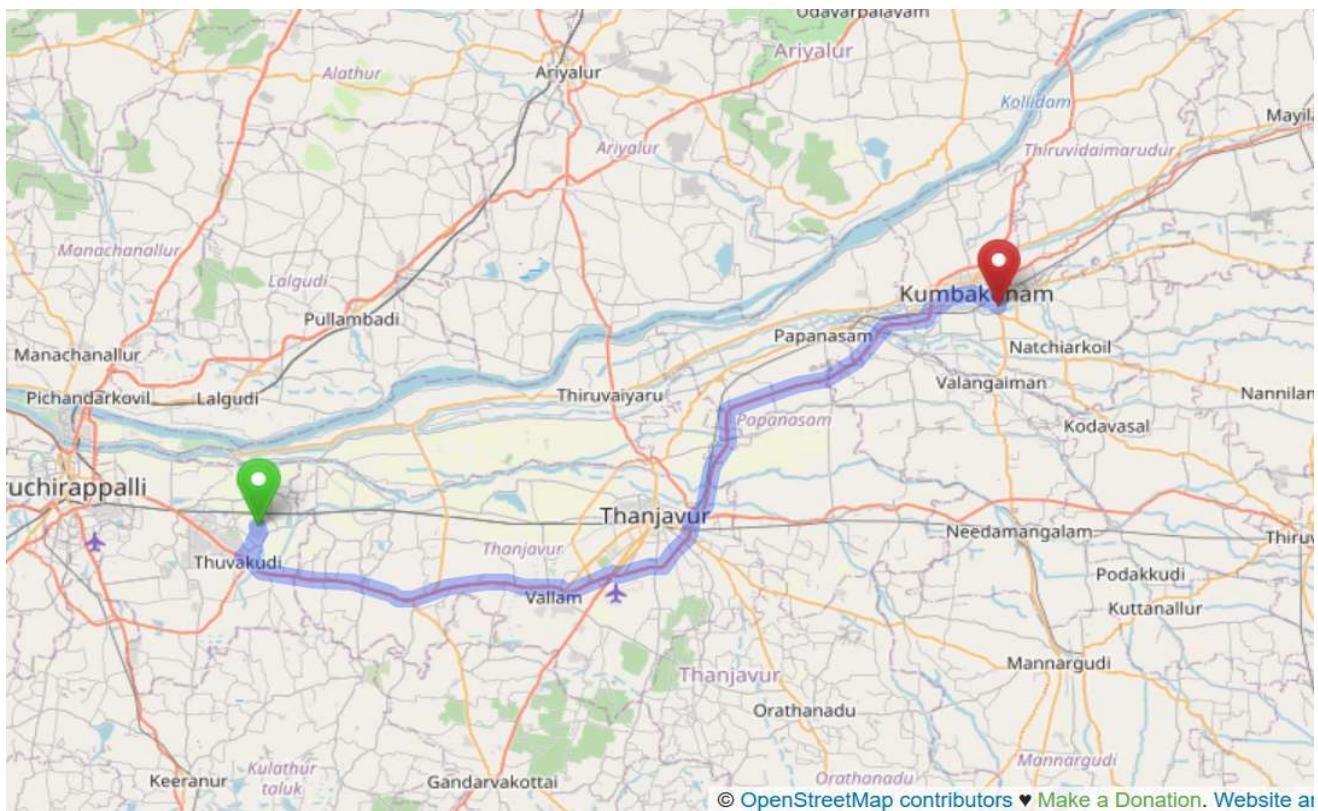


**IndianOil**

**WELCOME TO JOURNEY**  
**RISK MANAGEMENT (JRM)**  
**STUDY USING ARTIFICIAL**  
**INTELLIGENCE (AI)**  
**FOR IOCL TRICHY**  
**TERMINAL**

## JOURNEY RISK MANAGEMENT STUDY REPORT

**IOCL TIRCHY TERMINAL (10.7753, 78.8368) TO NATHAN AGENCIES, (10.948932, 79.397725), TOTAL DISTANCE -83 KM**



## **Welcome to the Journey Risk Management Study for NATHAN AGENCIES,**

**Total distance: 83 km; Start with: (10.7753, 78.8368), End with: (10.948932 , 79.397725)**

### **❖ Route Safety Analysis Report** **Overview of the Route Map**

The route from Trichy Terminal (T.N) to RSR ENTERPRISES. The route passes through several key points including SIDCO Industrial Estate Valavanthankottai, Logesh Fancy & Stationery Stores, Thuvakudi to SIDCO& Indian oil Storage, Markandan Agency onto NH 83 Toll road, U-turn at TNSTC TRICHY RE CONDITIONING UNIT(RC), Trichy-Tanjore Rd, Thanjavur Ring Rd, Vennar bypass Bridge, Thanjavur Kumbakonam Main Rd, ValVnthNKOTTI Toll Plaza Rd, Coimbatore-Nagapattinam Hwy, Maravapattu-villur-Kallikkudi Rd, SH 66, Rd for heavy vehicles carrying hazardous materials.

### **Typical Weather Conditions and Potential Weather-Related Hazards**

**Weather Conditions:** Trichy Terminal (T.N) to NATHAN AGENCIES, experiences a tropical climate with heavy monsoon rains from June to September, high humidity, and moderate temperatures throughout the year. The summers are short and sweltering; the winters are short, cool, and dry; and it is mostly clear year-round. Over the course of the year, the temperature typically varies from 60.8°F to 110°F and is rarely below 60.8°F to 110°F.

Month	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Nov	Oct	Dec	Year
Record high °C (°F)	33.0 (91.4)	38.0 (100.4)	41.0 (105.8)	43.0 (109.4)	43.0 (109.4)	42.0 (107.6)	40.0 (104.0)	39.0 (102.2)	38.0 (100.4)	37.0 (98.6)	34.0 (93.2)	33.0 (91.4)	43.0 (109.4)
Average high °C (°F)	30.27 (86.49)	32.88 (91.18)	36.0 (96.8)	38.27 (100.89)	38.79 (101.82)	36.78 (98.2)	36.17 (97.11)	35.4 (95.72)	35.03 (95.05)	32.9 (91.22)	30.38 (86.68)	29.34 (84.81)	34.35 (93.83)
Daily mean °C (°F)	26.57 (79.83)	28.67 (83.61)	31.87 (89.37)	34.46 (94.03)	35.18 (95.32)	33.45 (92.21)	32.92 (91.26)	32.18 (89.92)	31.78 (89.2)	29.86 (85.75)	27.44 (81.39)	26.32 (79.38)	30.89 (87.6)
Average low °C (°F)	19.88 (67.78)	20.93 (69.67)	24.04 (75.27)	27.62 (81.72)	28.89 (84.0)	27.59 (81.66)	27.04 (80.67)	26.45 (79.61)	25.95 (78.71)	24.64 (76.35)	22.43 (72.37)	20.93 (69.67)	24.7 (76.46)
Record low °C (°F)	16.0 (60.8)	17.0 (62.6)	19.0 (66.2)	22.0 (71.6)	25.0 (77.0)	25.0 (77.0)	24.0 (75.2)	23.0 (73.4)	22.0 (71.6)	21.0 (69.8)	18.0 (64.4)	17.0 (62.6)	16.0 (60.8)
Average precipitation mm (inches)	12.32 (0.49)	20.82 (0.82)	26.34 (1.04)	57.63 (2.27)	102.32 (4.03)	61.68 (2.43)	63.88 (2.51)	124.75 (4.91)	141.74 (5.58)	231.04 (9.1)	159.62 (6.28)	71.08 (2.8)	89.44 (3.52)
Average precipitation days ( $\geq 1.0$ mm)	3.09	3.27	5.36	7.36	16.73	12.36	13.55	18.91	19.64	22.73	17.55	9.73	12.52
Average relative humidity (%)	72.01	65.19	58.27	53.97	51.56	50.59	51.14	56.11	60.33	70.18	77.39	76.61	61.95
Mean monthly sunshine hours	11.19	11.34	11.34	11.63	12.65	12.68	11.83	11.24	11.05	9.11	7.68	8.29	10.84

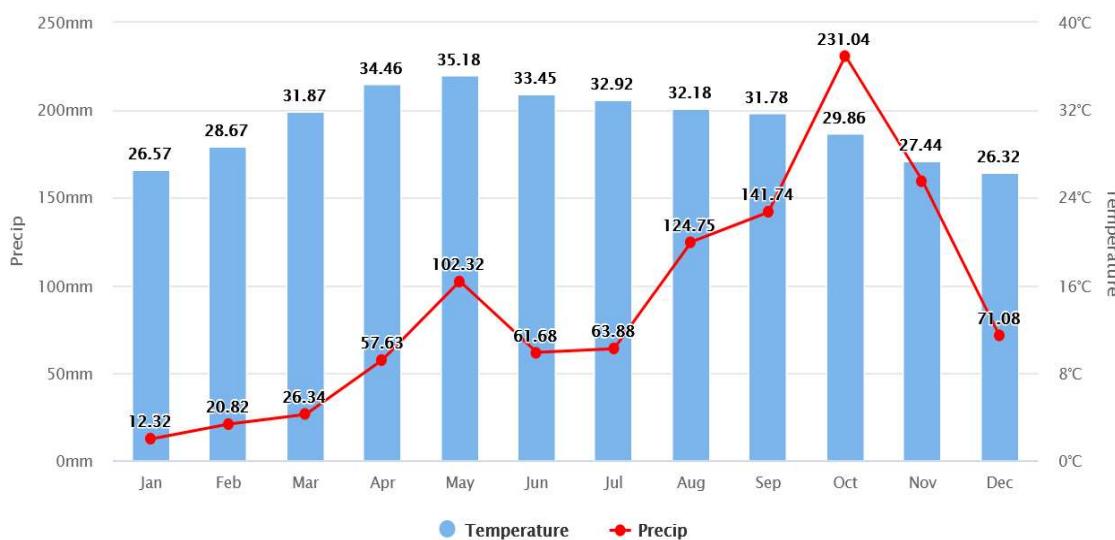
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**Weather-Related Hazards:** Trichy Terminal (T.N) To NATHAN AGENCIES, Providing a local hourly weather forecast of rain, sun, wind, humidity and temperature.

The Long-range 12 day forecast also includes detail for weather today. Live weather reports from Trichy Terminal (T.N) To NATHAN AGENCIES, weather stations and weather warnings that include risk of thunder, high UV index and forecast gales.

### Climate Graph

The chart below shows the mean monthly temperature and precipitation of Tiruchirappalli in recent years.



### Analysis of Traffic Patterns

#### Peak Hours:

Typically, Trichy Terminal (T.N) to NATHAN AGENCIES, peak traffic hours are from 8:00 AM to 11:00 AM and 4:00 PM to 9:00 PM on weekdays.

#### Congestion-Prone Areas:

- Ganesh Wine
- Bridgestone Select - Shakthi Tyres
- Diamond Diesel Pump Service
- Government hospital kottucherry
- Servite Higher secondary School

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- Kottucherry Police Station,
- Navakiraha Orphanage Care Home - Nocomore Trust,
- Mary Help Of Christians Church,
- Mary St,
- Kumarpillai st
- Sai Indian Café
- VINAYAKA MOTORS
- Shri Sachidananda Swamy Temple
- Government Agricultural Dept
- vasu Enterparise

### ❖ **Assessment of Road Quality and Infrastructure**

**Road Quality:** Generally, the roads are well-maintained but can suffer from potholes and waterlogging on State Highway during the monsoon season.

**Infrastructure:** Adequate signage, street lighting, and traffic signals are present, but some areas may lack proper drainage systems, leading to waterlogging.

### ❖ **Suggestions for Alternative Routes for Emergencies**

**Alternative Route1:** Thuvakudi to SIDCO& Indian oil Storage, Trichy-Tanjore Rd, Tanjore to Nagapattinam two way bye pass Rd, NH83, Kottucherry Rd, Vedamattam Main Rd.

**Alternative Route 2:** NH-99A, Kulithalai -Manapparai Rd, Vadakkada – Alangudi Rd, Rannathpuram Rd, NH83/service Road, Trichy – Tanjore Road, East Cost Rg, Nedungadura,

### **Summary of Local Regulations Affecting Hazardous Material Transport**

**Regulations:** Transport of hazardous materials is regulated by the Petroleum and Explosives Safety Organization (PESO) and the Motor Vehicles Act. Specific routes and timings may be restricted for hazardous material transport.

**Permits:** Ensure all necessary permits and documentation are in place.

### ❖ **Overview of Historical Incidents**

**Historical Incidents:** There have been occasional incidents involving heavy vehicles, particularly during the monsoon season due to waterlogging and poor

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visibility. No major incidents involving hazardous materials have been reported recently.

### ❖ Environmental Considerations and Sensitive Areas

- **Sensitive Areas:** Bridgestone Select - Shakthi Tyres, Ganesh Wines, Government hospital kottucherry, Servite Higher secondary School, Kottucherry Police Station, Navakiraha Orphanage Care Home - Nocome Trust, Mary Help Of Christians Church, Marry St, Kumarpillai st
- **Educational institutions:** - Irrigation Management Training Institute, State Institute of Hotel Management and Catering Technology, V.O.C Govt Higher Secondary School, ENPEE International School, Don Bosco Higher Secondary
- **Hospital:** - ESI Dispensary, Trustee Medical Center Velangudi, Govt.Hospital Thenkarai Mathur
- **Gas Station:** - In there are several of fuel/Gas station some of them are G Parthasarathi Fuel Agencies , S N Ravi Kumar Agencies, Siva Fuels , Bhavani Agencies , PETROL BUNK, BPCL segipatti petrol pump, ESSAR petroleum pudukudi Thanjavur, NAYARA Energy-Sri Kandhar AGencet truchy-thanjavur Hyw , rakku sakti Kamatchupura fuel sataion.
- **Environmental Impact:** Minimize noise and air pollution, especially in residential and sensitive areas.

**Air pollution:** Volatile chemicals evaporate during the filling and discharge process, or from leaks.

- **Loss of habitats:** Oil and gas operations can degrade animal habitats and disrupt migratory pathways.
- **Oil spills:** Oil spills can be devastating for animals and humans.
- **Greenhouse gas emissions:** Oil and gas operations can emit greenhouse gases like methane.

### ❖ Analysis of Communication Coverage

**Communication Coverage:** Generally good throughout the route, but potential dead zones may exist densely built-up areas or underpasses.

**Dead Zones:** Monitor for any communication blackouts, especially in underpasses or near large buildings.

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### ❖ Estimated Emergency Response Times

Bridgestone Select - Shakthi Tyres, Ganesh Wines, Government hospital kottucherry, Servite Higher secondary School, Kottucherry Police Station, Navakiraha Orphanage Care Home - Nocom Trust, Mary Help Of Christians Church, Marryy St, Kumarpillai st. areas like have quicker response times (15- 20 minutes)

Congested areas may experience delays (up to 30-40 minutes).

### ❖ Overall Summary of Risk Assessment

- **Risk Level:** Moderate to High, especially during monsoon season.
- **Key Risks:** Waterlogging, traffic congestion, and potential communication dead zones.
- **Mitigation Measures:** Plan travel during non-peak hours, ensure proper vehicle maintenance, and have alternative routes and emergency contacts ready and control on the speed limit of the vehicle.

### ❖ Road Signage for TT/PT Driver

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### Road Traffic Signs in India

#### Mandatory/Regulatory Signs

			
Stop	Give way	No entry	Straight prohibited
			
One way	One way	Vehicles prohibited in both directions	Horn prohibited
			
Pedestrians prohibited	Cycles prohibited	Right turn prohibited	Left turn prohibited
			
U-turn prohibited	Overtaking prohibited	Trucks prohibited	Tonga prohibited

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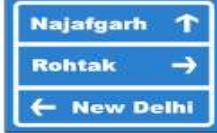
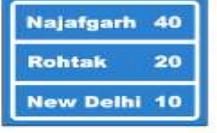
			
All motor vehicles prohibited	Hand cart prohibited	Bullock cart prohibited	Bullock and hand carts prohibited
			
No parking	No parking or stopping	Speed limit	Axle load limit
			
Width limit	Weight limit	Length limit	Load limit
	Restriction ends		

## Cautionary signs

			
Right hand curve	Left hand curve	Right hand pin bend	Left hand pin bend
			
Right reverse bend	Narrow bridge	Gap in median	Cycle crossing
			
Pedestrian crossing	School	Men at work	Roundabout
			
Narrow road	Road widens	Side road left	Side road right

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### Information signs

			
Advance direction	Map type advance direction	Rotary intersection	Reassurance
			
Direction	Direction	Place identification	Truck lay bay
			
Toll booth ahead	Parking this side	Parking both sides	Cycle stand
			
Scooter and motor cycle stand	Taxi stand	Auto-rickshaw stand	Cycle-rickshaw stand
			
Public telephone	Filling station	Hospital	First aid post

### Conclusion

The route for Trichy Terminal (T.N) to NATHAN AGENCIES, Nallathur Road, Nedungadu Commune, Kurumbagaram, Thiruvarur State-TN is generally manageable but poses several risks, particularly during the monsoon season and Winter (Fog Weather). Proper planning, adherence to regulations, and awareness of potential hazards can significantly mitigate these risks.

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**❖ Risk Assessment - Sharp Turns**

<b>Risk Type</b>	<b>Risk Level</b>	<b>Coordination</b>	<b>Distance From Start</b>	<b>Recommendation Speed</b>
Sharp turn	Medium	10.75826994715787, 78.83326651420096	2.0 KM	20km/hr TO 30 Km/Hr
Sharp turn	Medium	10.756715887788083, 78.83021887801165	2.4 KM	20km/hr TO 30 Km/Hr
Sharp turn	High	10.751274985268047, 78.82506273704801	3.3 KM	10km/hr TO 20 Km/Hr
Sharp turn	Medium	10.749406921191936, 78.83062696831735	3.9 KM	20km/hr TO 30 Km/Hr
Sharp turn	Medium	10.745172516487582, 78.83368104214479	4.5 KM	10km/hr TO 20 Km/Hr
Sharp turn	Medium	10.739119119860915, 78.83810753689248	5.3 KM	20km/hr TO 30 Km/Hr
Sharp turn	Medium	10.735296935060319, 78.8649298251201	8.3 KM	20km/hr TO 30 Km/Hr
Sharp turn	Medium	10.732950078633909, 78.87545277973047	9.5 KM	20km/hr TO 30 Km/Hr
Sharp turn	Medium	10.73087486908852, 78.90608995975295	12.8 KM	20km/hr TO 30 Km/Hr
Sharp turn	Medium	10.723764671172908, 78.9285599072715	15.4 KM	10km/hr TO 20 Km/Hr
Sharp turn	Medium	10.721125274436691, 78.93786647838668	16.5 KM	20km/hr TO 30 Km/Hr
Sharp turn	Medium	10.718221002127057, 78.94304398964309	17.2 KM	10km/hr TO 20 Km/Hr
Sharp turn	Medium	10.7181899017704, 78.9560914041222	18.6 KM	10 km/hr TO 20 Km/Hr
Sharp turn	Medium	10.730969484477892, 79.01761228410292	25.5KM	10km/hr TO 20 Km/Hr
Sharp turn	HIGH	10.726561431768483, 79.06521400420263	30.7 KM	20km/hr TO 30 Km/Hr

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Sharp turn	HIGH	10.72308854798758, 79.0698337039081	31.4 KM	20km/hr TO 30 Km/Hr
Sharp turn	High	10.73705102370136, 79.10766164424598	35.9 KM	20km/hr TO 30 Km/Hr
Sharp turn	High	10.74328897463726, 79.14225760188724	39.8 KM	10km/hr TO 20 Km/Hr
Sharp turn	High	10.780404751602815, 79.16734250741605	45 KM	10km/hr TO 20 Km/Hr
Sharp turn	Medium	10.817736360016776, 79.18047515526581	49.5 KM	20km/hr TO 30 Km/Hr
Sharp turn	Medium	10.840339877729143, 79.19191515410074	52.3KM	20km/hr TO 30 Km/Hr
Sharp turn	Medium	10.866183705074247, 79.1927810209242	55.3 KM	20km/hr TO 30 Km/Hr
Sharp turn	Medium	10.932095836643457, 79.31034743170252	70.9 KM	20km/hr TO 30 Km/Hr
Sharp turn	High	10.98343306942385, 79.3928160031021	80.2 KM	20km/hr TO 30 Km/Hr
Sharp turn	High	10.971543739905282, 79.40091379744918	81.6 KM	20km/hr TO 30 Km/Hr
Sharp turn	Medium	10.964141103208531, 79.39233791701949	82.3 KM	20km/hr TO 30 Km/Hr

#### ❖ Risk Assessment – Key Location:

Sr No	Location	Lat, lon.
1	Hall/Hotel	10.757627679523425, 78.83287045929539
2	OLD Burma Colony	10.75810448259808, 78.83342945889828
3	School/College	10.751940259658717, 78.824855152166
4	School/College	10.751244043943656, 78.82964545444308
5	Bank	10.749935829138195, 78.8268757083185
6	Toll Plaza	10.739223590189045, 78.82491390378034
7	Jagdish Filling station IOCL RO	10.730096699158965, 78.8638583738328

**JOURNEY RISK MANAGEMENT STUDY REPORT**

8	Bus Stand	10.737619717156392, 78.84469108474981
9	School/College	10.743654738281231, 78.85235497712233
10	Shri Rakku Sakti IOCL retail outlet	10.736854782210685, 78.85825905782572
11	School/College	10.736328228804307, 78.86222089649122
12	Moogambigai Agencies IOC RO	10.720992946251965, 78.94066066619781
13	G Parthasarathi Fuel Agencies IOCL RO	10.731949135570895, 79.01839981851398
14	Auto Parts Mall	10.73479825344728, 78.86383650381019
15	Trichy-Thanjavur Border check post	10.734414736299165, 78.8687554646539
16	Hotel	10.73449559472593, 78.87053727134324
17	Pkd railway station starting point	10.733035467327722, 78.87760665657318
18	Nayara Petrol Pump	10.733201787527669, 78.88075610377959
19	IOCL RO	10.737028834634, 79.13691139189406
20	Smv Puncture Shop	10.733071879186443, 78.88788151537216
21	Hotel	10.732766784125532, 78.89204005296241
22	IOCL retail outlet	10.732484981220054, 78.89788773851032
23	Bank	10.73068388892885, 78.90808861916952
24	Bus Stop	10.72762381663031, 78.91707309156152
25	Tool Fab Industry	10.724738429698235, 78.92771569309396
26	Hotel	10.719730509674973, 78.96118243846999
27	Vikas Global City	10.724186034036219, 78.97449603272008
28	Gnanam Business School	10.727431325357013, 78.9783943535095
29	BPCL RO	10.725825464578664, 78.9807445894157
30	Peekay Mediequip Limited	10.729355844598135, 78.99185652717746
31	Thanjavur District Collector Office	10.734119148806737, 79.09384524937086
32	Tamil University	10.73627973338858, 79.09818351652815

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33	Vembukudi Toll Plaza	10.875400860939616, 79.21069847346963
34	Temple	10.95822811647791, 79.3714838278445
35	Hotel	10.959743866452198, 79.37905624409673
36	ESI Dispensary	10.962270369182967, 79.38905619487792
37	Hotel	10.961801862688635, 79.39268285703115
38	IOCL RO	10.759937549243515, 79.84935437449688
47	Bus Stop	10.817483564074879, 79.65475337982168
48	Puthur Bus Stop	10.817212855198475, 79.68170290327208
49	R K Agency IOCL	10.816278572957028, 79.81711405162
50	Valivalam Desikar Polytechnic College (VDPC)	10.794097428920965, 79.83697073920729
51	Nagapattinam New Bus Stand	10.774156822939796, 79.84174142358201
52	Kumar Agency IOCL RO	10.771506381642348, 79.84343698247396
53	Light House	10.766086632993321, 79.84983061658939
54	Water	10.765673816118268, 79.84866553005082
55	Nagapattinam Harbour	10.764713188052907, 79.84964765743102

## JOURNEY RISK MANAGEMENT STUDY REPORT

**IOCL TIRCHY TERMINAL (10.7753, 78.8368) TO NATHAN AGENCIES,  
(10.759699, 79.849371), TOTAL DISTANCE -83 KM**



IMAGE: SHARP TURN RISK LEVEL: - MEDIUM, COORDI 10.726561431768483, 79.06521400420263



IMAGE: SHARP TURN RISK LEVEL: - MEDIUM, COORDI 10.72308854798758, 79.0698337039081

## JOURNEY RISK MANAGEMENT STUDY REPORT



IMAGE: SHARP TURN RISK LEVEL: - MEDIUM, COORDI 10.73705102370136, 79.10766164424598



IMAGE: SHARP TURN RISK LEVEL: - MEDIUM, COORDI 10.74328897463726, 79.14225760188724

## JOURNEY RISK MANAGEMENT STUDY REPORT



IMAGE: SHARP TURN RISK LEVEL: - MEDIUM, COORDI 10.780404751602815, 79.16734250741605



IMAGE: SHARP TURN RISK LEVEL: - MEDIUM, COORDI 10.954296172087506, 79.34774637212439

## JOURNEY RISK MANAGEMENT STUDY REPORT



IMAGE: SHARP TURN RISK LEVEL: - MEDIUM, COORDI 10.955808147992787, 79.36573625410698



IMAGE: SHARP TURN RISK LEVEL: - MEDIUM, COORDI 10.960551970688885, 79.38611597224178

## JOURNEY RISK MANAGEMENT STUDY REPORT



IMAGE: SHARP TURN RISK LEVEL: - MEDIUM, COORDI 10.998322729754582, 79.53231697386092



IMAGE: SHARP TURN RISK LEVEL: - MEDIUM, COORDI 10.97664252932043, 79.46227340774438

## JOURNEY RISK MANAGEMENT STUDY REPORT



IMAGE: SHARP TURN RISK LEVEL: - MEDIUM, COORDI 11.000530877432295, 79.54660314053001



IMAGE: SHARP TURN RISK LEVEL: - MEDIUM, COORDI 10.994194075371174, 79.56081163873246

## JOURNEY RISK MANAGEMENT STUDY REPORT



IMAGE: SHARP TURN RISK LEVEL: - MEDIUM, COORDI 10.992066778173717, 79.56820237764057



IMAGE: SHARP TURN RISK LEVEL: - MEDIUM, COORDI 10.99122294842798, 79.57203662086194

## JOURNEY RISK MANAGEMENT STUDY REPORT



IMAGE: SHARP TURN RISK LEVEL: - MEDIUM, COORDI 10.987740544991665, 79.58142784769393



IMAGE: SHARP TURN RISK LEVEL: - MEDIUM, COORDI 10.987540562736278, 79.5871215963912

## JOURNEY RISK MANAGEMENT STUDY REPORT



IMAGE: SHARP TURN RISK LEVEL: - MEDIUM, COORDI 10.98257682421649, 79.603774136502



IMAGE: SHARP TURN RISK LEVEL: - MEDIUM, COORDI 10.997468072824544, 79.52261457790277

## JOURNEY RISK MANAGEMENT STUDY REPORT



IMAGE: SHARP TURN RISK LEVEL: - MEDIUM, COORDI 10.978642804669425, 79.61216319719159



IMAGE: SHARP TURN RISK LEVEL: - MEDIUM, COORDI 10.980311502737374, 79.6269924536789

## JOURNEY RISK MANAGEMENT STUDY REPORT



IMAGE: SHARP TURN RISK LEVEL: - MEDIUM, COORDI 10.981093919837123, 79.63238714523666



IMAGE: SHARP TURN RISK LEVEL: - MEDIUM, COORDI 10.981093919837123, 79.63238714523666

## JOURNEY RISK MANAGEMENT STUDY REPORT



IMAGE: SHARP TURN RISK LEVEL: - MEDIUM, COORDI 10.980289845806885, 79.64038449669609



IMAGE: SHARP TURN RISK LEVEL: - MEDIUM, COORDI 10.980974794669736, 79.65339382615088

## JOURNEY RISK MANAGEMENT STUDY REPORT



IMAGE: SHARP TURN RISK LEVEL: - MEDIUM, COORDI 10.981434236664478, 79.65609416186935



IMAGE: SHARP TURN RISK LEVEL: - MEDIUM, COORDI 10.98205716524272, 79.66772881733506

## JOURNEY RISK MANAGEMENT STUDY REPORT



IMAGE: SHARP TURN RISK LEVEL: - MEDIUM, COORDI 10.983622084540597, 79.67921211595166



IMAGE: SHARP TURN RISK LEVEL: - MEDIUM, COORDI 10.983611079081712, 79.6794698558881

## JOURNEY RISK MANAGEMENT STUDY REPORT



IMAGE: SHARP TURN RISK LEVEL: - MEDIUM, COORDI 10.983623141682171, 79.6834547111762



IMAGE: SHARP TURN RISK LEVEL: - MEDIUM, COORDI 10.981989652855994, 79.690124444837

## JOURNEY RISK MANAGEMENT STUDY REPORT



IMAGE: SHARP TURN RISK LEVEL: - MEDIUM, COORDI 10.97900065737536, 79.69900788046597



IMAGE: SHARP TURN RISK LEVEL: - MEDIUM, COORDI 10.97614303989356, 79.70712467304794

## JOURNEY RISK MANAGEMENT STUDY REPORT



IMAGE: SHARP TURN RISK LEVEL: - MEDIUM, COORDI 10.977932476045517, 79.71594218031824



IMAGE: SHARP TURN RISK LEVEL: - MEDIUM, COORDI 10.977607564144272, 79.7244128789247

## JOURNEY RISK MANAGEMENT STUDY REPORT



IMAGE: SHARP TURN RISK LEVEL: - MEDIUM, COORDI 10.976343782644864, 79.74606516666324



IMAGE: SHARP TURN RISK LEVEL: - MEDIUM, COORDI 10.976143547065968, 79.75277076450837

## JOURNEY RISK MANAGEMENT STUDY REPORT



IMAGE: SHARP TURN RISK LEVEL: - MEDIUM, COORDI 10.97406285566265, 79.77076007615538



IMAGE: SHARP TURN RISK LEVEL: - MEDIUM, COORDI 10.966870491363219, 79.79981994069612

## JOURNEY RISK MANAGEMENT STUDY REPORT



IMAGE: SHARP TURN RISK LEVEL: - MEDIUM, COORDI 10.960160926774313, 79.81119260218072



IMAGE: SHARP TURN RISK LEVEL: - MEDIUM, COORDI 10.960160926774313, 79.81119260218072

## JOURNEY RISK MANAGEMENT STUDY REPORT



IMAGE: SHARP TURN RISK LEVEL: - MEDIUM, COORDI



IMAGE: SHARP TURN RISK LEVEL: - MEDIUM, COORDI

## JOURNEY RISK MANAGEMENT STUDY REPORT



**10.788694927866231, 79.28738438506615**

## JOURNEY RISK MANAGEMENT STUDY REPORT



**10.788645150531353, 79.3198604338228**

## JOURNEY RISK MANAGEMENT STUDY REPORT



**10.792334803895843, 79.32653046252351**

## JOURNEY RISK MANAGEMENT STUDY REPORT



**10.813019922416055, 79.5448547992672**

## JOURNEY RISK MANAGEMENT STUDY REPORT



**10.788772102836267, 79.58108966809424**

## JOURNEY RISK MANAGEMENT STUDY REPORT



**10.783598953338522, 79.60427733328548**

## JOURNEY RISK MANAGEMENT STUDY REPORT



**10.77596527686579, 79.61931759620555**

## JOURNEY RISK MANAGEMENT STUDY REPORT



**10.777012303139129, 79.62126353276192**

## JOURNEY RISK MANAGEMENT STUDY REPORT



**10.820724497984449, 79.59709886089115**



**10.819534799061787, 79.6026302574263**

## JOURNEY RISK MANAGEMENT STUDY REPORT



**10.817674817381455, 79.61417434443551**

## JOURNEY RISK MANAGEMENT STUDY REPORT



**10.783787954109838, 79.60395721493109**

## JOURNEY RISK MANAGEMENT STUDY REPORT



**10.77596527686579, 79.61931759620555**

## JOURNEY RISK MANAGEMENT STUDY REPORT



**10.819534799061787, 79.6026302574263**

## JOURNEY RISK MANAGEMENT STUDY REPORT



**10.818550812244837, 79.60501822041287**

## JOURNEY RISK MANAGEMENT STUDY REPORT



**10.817674817381455, 79.61417434443551**



**10.814888840483398, 79.6350839647656**