

# Planning in the Real World Non-Deterministic Domains

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## 1. Code Descriptions:

### 1. Non-Deterministic Accident Recovery Planning:

- **Aim:** To simulate a function that determines the location of the nearest emergency service providers based on the type of emergency.
- **Description:** This function `get_nearest_first_responder` takes the accident location and the type of emergency service provider as input and returns the simulated location of the nearest provider.

### 2. Main Function for Real World Non-Deterministic Planning using Fuzzy Logic:

- **Aim:** To implement a fuzzy logic-based system for non-deterministic accident recovery planning.
- **Description:** This section defines fuzzy variables representing severity and proximity, fuzzy rules, and a function `get_recovery_plan` to evaluate the recovery plan based on the severity level and accident location.

### 3. Initialization Function:

- **Aim:** To initialize the accident severity level and location and compute the recovery plan.
- **Description:** The `initialization` function sets the severity level and accident location, then calls `get_recovery_plan` to compute the recovery plan based on fuzzy logic rules.

### 4. Practical Demonstration: Installation and APIs:

- **Aim:** To demonstrate the use of APIs for retrieving emergency service information.
- **Description:** This section includes code for installing necessary libraries, using Google Maps and TrueWay APIs to retrieve hospital information, and demonstrating their usage in retrieving emergency contact details and other information.

**5. Initialization Code and Displaying Hospital Latitude and Longitude:**

- **Aim:** To initialize the accident location and display the latitude and longitude of hospitals.
- **Description:** These functions prompt the user to input the accident location, initialize the hospital information, and display the latitude and longitude of each hospital.

**6. Run TrueWay API and Print Final Emergency Information:**

- **Aim:** To run the TrueWay API and print the final emergency contact information.
- **Description:** These functions use the TrueWay API to fetch additional hospital information, including emergency contact details, then print the final emergency information for each hospital.

These code segments collectively demonstrate a non-deterministic accident recovery planning system using fuzzy logic and API integration to retrieve real-world emergency service information.

## 2. Code :

### Non- Deterministic Accident Recovery Planning :

#### A Simulation Function to Get the location of the Nearest Emergency Service Providers

In [69]:

```
def get_nearest_first_responder(incident_location, emergency_service_provider):
    acc_lat, acc_lon = incident_location
    print(acc_lat, acc_lon)
    if emergency_service_provider == 'police station':
        return (acc_lat + 5.2564, acc_lon+2.5245)

    if emergency_service_provider == 'hospital':
        return (acc_lat + 3.2564, acc_lon+2.5245)

    if emergency_service_provider == 'ambulance':
        return (acc_lat + 3, acc_lon+2.5245)

    if emergency_service_provider == 'tow truck':
        return (acc_lat + 7.2564, acc_lon+2.5245)
```

```
if emergency_service_provider == 'fire department':  
    return (acc_lat + 15.256, acc_lon+2.5245)  
  
return (acc_lat + 3.2564, acc_lon+2.5245)
```

## The Main Function to Solve Real World- Non Deterministic Planning using Fuzzy Logic

In [94]:

```
from haversine import haversine  
from fuzzylogic.classes import Domain, Rule  
from fuzzylogic.hedges import very  
from fuzzylogic.functions import R, S  
  
# Define the fuzzy variables  
severity = Domain("severity", 0, 12)  
severity.low = S(0, 3)  
severity.medium = S(3, 7)  
severity.high = R(7, 10)  
  
proximity = Domain("proximity", 0, 5000)  
proximity.near = S(0, 1000)  
proximity.medium = S(1000, 2000)  
proximity.far = triangular_mf(2000, 3000)  
  
decision = Domain("Decision", 0, 9)  
decision.one = R(1,2)  
decision.two = R(2,3)  
decision.three = R(3,4)  
decision.four = R(4,5)  
decision.five = R(5,6)  
decision.six = R(6,7)  
decision.seven = R(7,8)  
decision.eight = R(8,9)  
  
# Define the fuzzy rules  
rule1 = Rule(({severity.low, proximity.near}: decision.one})  
rule2 = Rule(({severity.low, proximity.medium}: decision.two}))
```

```
rule3 = Rule(({severity.medium, proximity.near}: decision.three))
rule4 = Rule(({severity.medium, proximity.medium}: decision.four))
rule5 = Rule(({severity.high, proximity.near}: decision.five))
rule6 = Rule(({severity.high, proximity.medium}: decision.six))
rule7 = Rule(({very(severity.high), proximity.near}: decision.seven))
rule8 = Rule(({very(severity.high), proximity.medium}: decision.eight))

# Combine rules
rules = rule1 | rule2 | rule3 | rule4 | rule5 | rule6 | rule7 | rule8

# Define the function to get the recovery plan
def get_recovery_plan(severity_level, accident_location):
    # Replace with your actual functions to get nearest first responders and
    distances

    nearest_police_station = get_nearest_first_responder(accident_location,
'police station')
    print(nearest_police_station)
    nearest_hospital = get_nearest_first_responder(accident_location, 'hospital')
    print(nearest_hospital)
    nearest_ambulance = get_nearest_first_responder(accident_location,
'ambulance')
    print(nearest_ambulance)
    nearest_towtruck = get_nearest_first_responder(accident_location, 'tow
truck')
    print(nearest_towtruck)
    nearest_fire_department = get_nearest_first_responder(accident_location,
'fire department')
    print(nearest_fire_department)

    # Replace with your actual function to calculate distances
    proximity_police = haversine(accident_location, nearest_police_station)
    proximity_hospital = haversine(accident_location, nearest_hospital)
    proximity_ambulance = haversine(accident_location, nearest_ambulance)
    proximity_towtruck = haversine(accident_location, nearest_towtruck)
    proximity_fire = haversine(accident_location, nearest_fire_department)

    # Calculate the maximum proximity among responders
    max_proximity = max(proximity_police, proximity_hospital,
proximity_ambulance, proximity_towtruck, proximity_fire)
    print("Proximity :", max_proximity)

# Evaluate the rules
```

```

values= {severity:severity_level,proximity:max_proximity}
print("Rules: ",rules(values))
return(rules(values))

```

## Initialisation Function

In [97]:

```

def initialisation():

    # Example usage
    severity_level = 5
    accident_location = (45.7597,4.8422) # Paris latitude and longitude with
actual values

    recovery_plan = get_recovery_plan(severity_level, accident_location)
    if 0<= recovery_plan <=1 :
        plan = 'Notify nearest Hospital'
    if 1<= recovery_plan <=2 :
        plan = 'Notify nearest Ambulance'
    if 2<= recovery_plan <=3 :
        plan = 'Notify nearest police station, Hospital'
    if 3<= recovery_plan <=4 :
        plan = 'Notify nearest police station, Hospital and Ambulance'
    if 4<= recovery_plan <=5 :
        plan = 'Notify nearest police station, Hospital, Ambulance and Tow_Truck'
    if 5<= recovery_plan <=9 :
        plan = 'Notify nearest police station, Hospital, Ambulance, Fire
Department and Tow_Truck'

    print("Final Recovery Plan:", plan)

    #get_recovery_plan(5,(45.7597,4.8422))

```

In [98]:

```
initialisation()
```

```

45.7597 4.8422
(51.0161, 7.3667)
45.7597 4.8422
(49.0161, 7.3667)

```

45.7597 4.8422  
(48.7597, 7.3667)  
45.7597 4.8422  
(53.0161, 7.3667)  
45.7597 4.8422  
(61.0157, 7.3667)

Proximity : 1704.3181816398142  
Rules: 6.3

Final Recovery Plan: Notify nearest police station, Hospital, Ambulance, Fire Department and Tow\_Truck

## A Practical Demonstration

### Installation of the necessary files

In [114]:

```
pip install requests
```

In [115]:

```
pip install geopy
```

### Google Maps API

In [15]:

```
import requests
from geopy.distance import geodesic

def get_distance(source_lat_lng, hospital_lat_lng):
    source_lat, source_lng = source_lat_lng
    hospital_lat, hospital_lng = hospital_lat_lng
    source_point = (source_lat, source_lng)
    hospital_point = (hospital_lat, hospital_lng)
    return geodesic(source_point, hospital_point).kilometers

def get_hospital_details(source_lat_lng, radius):

    url = "https://map-places.p.rapidapi.com/nearbysearch/json"

    querystring = {
        "location": ", ".join(str(coord) for coord in source_lat_lng),
        "radius": str(radius),
        "keyword": "hospital",
```

```
        "type": "hospital"
    }

    headers = {
        "X-RapidAPI-Key": "45ecf3fe21msh9b99573d6cc5214p16214ajsn3275712f1ba3",
        "X-RapidAPI-Host": "map-places.p.rapidapi.com"
    }

    response = requests.get(url, headers=headers, params=querystring)

    data = response.json()

    results = data.get('results', [])

    hospital_dict = {}

    for result in results:
        hospital_name = result.get('name', 'N/A')
        address = result.get('vicinity', 'N/A')
        phone_number = result.get('formatted_phone_number', 'N/A')
        hospital_lat_lng = (result['geometry']['location']['lat'],
result['geometry']['location']['lng'])
        distance = get_distance(source_lat_lng, hospital_lat_lng)

        hospital_info = {
            'Phone Number': phone_number,
            'Address': address,
            'Distance from Source Latitude': f"{distance:.2f} km",
            'Latitude': hospital_lat_lng[0],
            'Longitude': hospital_lat_lng[1]
        }

        hospital_dict[hospital_name] = hospital_info

    """ Traverse the dictionary keys and print hospital information
    for hospital_name in hospital_dict:
        print(f"Hospital Name: {hospital_name}")
        hospital_info = hospital_dict[hospital_name]
        for key, value in hospital_info.items():
            print(f"{key}: {value}")
        print()

    return hospital_dict
```

In [16]:

```
result_dictionary = get_hospital_details((12.9480, 80.1397),500)
```

## TrueWay Places API

In [17]:

```
import requests
import json

def get_hospital_other_info(hospital, source_lat_lng, result_dictionary):
    print(source_lat_lng)
    url = "https://trueway-places.p.rapidapi.com/FindPlacesNearby"

    querystring = {
        "location": ", ".join(str(coord) for coord in source_lat_lng),
        "type": "hospital",
        "radius": "50000",
        "language": "en"
    }

    headers = {
        "X-RapidAPI-Key": "45ecf3fe21msh9b99573d6cc5214p16214ajsn3275712f1ba3",
        "X-RapidAPI-Host": "trueway-places.p.rapidapi.com"
    }

    response = requests.get(url, headers=headers, params=querystring)

    data = response.json()

    results = data.get('results', [])

    for result in results:
        hospital_name = result.get('name', 'N/A')
        if hospital_name == hospital:
            result_dictionary[hospital_name]["Phone Number"] =
result.get('phone_number', 'N/A')

    return result_dictionary
```



## Iniatiatisation Code

In [25]:

```
def intialise_lat_lon():
    latitude,longitude = float(input("Enter the accident Latitude: ")),
float(input("Enter the accident Longitude: "))

    info_lat_lng = (latitude, longitude)
    result_dictionary = get_hospital_details(info_lat_lng,500)
    print("\nIniatiilsed Dictionary :", result_dictionary)
    return result_dictionary
```

## Displaying Latitude Longitude of each Hospital

In [19]:

```
def display_lat_lon(result_dictionary):
    for hospital_name, hospital_info in result_dictionary.items():
        print(f"Hospital: {hospital_name}")
        print(f"Latitude: {hospital_info['Latitude']}")
        print(f"Longitude: {hospital_info['Longitude']}")
        print()
```

## Run the TrueWay API

In [21]:

```
def run_get_hospital_other_info(result_dictionary):
    for hospital_name, hospital_info in result_dictionary.items():
        result_dictionary =
get_hospital_other_info(hospital_name, (hospital_info['Latitude'],hospital_info['
Longitude']),result_dictionary)
    return result_dictionary
```

## Final Printing of Emergency Information

In [22]:

```
def print_final(result_dictionary):
    for hospital_name, hospital_info in result_dictionary.items():
        if hospital_info['Phone Number'] != 'N/A':
            print(f"Hospital: {hospital_name}")
            print(f"Hospital Emergency Contact Number: {hospital_info['Phone
Number']}")
            print(f"Approximate Distance from Accident Spot:
{hospital_info['Distance from Source Latitude']}")
            print(f"Latitude: {hospital_info['Latitude']}")
            print(f"Longitude: {hospital_info['Longitude']}")
            print(f"Hospital Address: {hospital_info['Address']}")
```

```
print('\n')
```

## Final Function Calls

In [23]:

```
MIT_lat_lng = (12.9480, 80.1397)
```

In [24]:

```
result_dictionary = initialise_lat_lon()
```

Enter the accident Latitude: 12.9480

Enter the accident Longitude: 80.1397

Initilised Dictionary : {'PARVATHY HOSPITAL': {'Phone Number': 'N/A', 'Address': '241, Grand Southern Trunk Rd, near MIT Bridge, Kamakshi Colony, Chromepet, Chennai', 'Distance from Source Latitude': '0.41 km', 'Latitude': 12.9459046, 'Longitude': 80.1365663}, 'Gajanan Hospital Pvt Ltd AG Hospital': {'Phone Number': 'N/A', 'Address': 'Radha Nagar, No. 30, South Street, Doctors Colony, Chromepet, Chennai', 'Distance from Source Latitude': '0.51 km', 'Latitude': 12.9504649, 'Longitude': 80.1437043}, 'Chennai Krishna Hospital': {'Phone Number': 'N/A', 'Address': '297, Grand Southern Trunk Rd, near MIT Bridge, Kamakshi Colony, Chromepet, Chennai', 'Distance from Source Latitude': '0.36 km', 'Latitude': 12.9464318, 'Longitude': 80.13677059999999}, 'Sudar Hospital': {'Phone Number': 'N/A', 'Address': 'No: 30, Ayyasamy Street, Nehru Nagar, Chromepet, Chitlapakkam, Chennai', 'Distance from Source Latitude': '0.65 km', 'Latitude': 12.9422327, 'Longitude': 80.1408142}, 'Sayee Hospitals': {'Phone Number': 'N/A', 'Address': 'No.14, Bashyam Street, Radha Nagar Main Rd, T.Nagar, Radha Nagar, Chromepet, Chennai', 'Distance from Source Latitude': '0.61 km', 'Latitude': 12.9522647, 'Longitude': 80.1432823}, 'Sriram hospital': {'Phone Number': 'N/A', 'Address': '7th Main Rd, New Colony, Chromepet, Chennai', 'Distance from Source Latitude': '0.54 km', 'Latitude': 12.9498088, 'Longitude': 80.1350827}, 'Saraswathy Hospital': {'Phone Number': 'N/A', 'Address': 'Shop No.70, 40, Dr Rajendra Prasad Rd, Nehru Nagar, Chromepet, Chennai', 'Distance from Source Latitude': '0.61 km', 'Latitude': 12.9425556, 'Longitude': 80.1405117}, 'Government Hospital, Chrompet': {'Phone Number': 'N/A', 'Address': 'W4WP+665, Chennai - Theni Hwy, Mahalakshmi Colony, Chromepet, Chennai', 'Distance from Source Latitude': '0.52 km', 'Latitude': 12.9455076, 'Longitude': 80.1356016}, 'RK Speciality Hospital': {'Phone Number': 'N/A', 'Address': 'No-18, Ramachandra Iyer Street, Nehru Nagar, Chromepet, Chennai', 'Distance from Source Latitude': '0.33 km', 'Latitude': 12.9456956, 'Longitude': 80.1415726}, 'Hospital': {'Phone Number': 'N/A', 'Address': '234, Grand Southern Trunk Rd, Tambaram, Chennai', 'Distance from Source Latitude': '0.23 km', 'Latitude': 12.9479602, 'Longitude': 80.13758159999999}, 'BN Sankara Hospital': {'Phone Number': 'N/A', 'Address': 'No 26, Rajaji St, Doctors Colony, Chromepet, Chennai', 'Distance from Source Latitude': '0.64 km', 'Latitude': 12.952298, 'Longitude': 80.1436976}, 'Government Hospital Tambaram , Tambaram Taluk': {'Phone Number': 'N/A', 'Address': 'W4WM+6PH, Grand Southern Trunk Rd, Mahalakshmi Colony, Chromepet, Chennai', 'Distance from Source Latitude': '0.64 km', 'Latitude': 12.9455587, 'Longitude': 80.13434989999999}, 'Balaji Hospital': {'Phone Number': 'N/A', 'Address': '209, Grand Southern Trunk Rd, Radha Nagar,

Chromepet, Chennai', 'Distance from Source Latitude': '0.61 km', 'Latitude': 12.9534793, 'Longitude': 80.1387487}, 'Rase Hospital': {'Phone Number': 'N/A', 'Address': 'X43R+HM4, Grand Southern Trunk Rd, Shastri Colony, Chromepet, Chennai', 'Distance from Source Latitude': '0.69 km', 'Latitude': 12.9538969, 'Longitude': 80.1416902}, 'Royal Balaaji Hospital': {'Phone Number': 'N/A', 'Address': '7, CLC Works Rd, Pallavapuram, New Colony, Chromepet, Chennai', 'Distance from Source Latitude': '0.56 km', 'Latitude': 12.9530338, 'Longitude': 80.1397073}, 'CIPACA - Sree Balaji Medical College & Hospital - 24 Hrs Emergency & ICU Hospital': {'Phone Number': 'N/A', 'Address': '7 Works, Road, Chromepet, Chennai', 'Distance from Source Latitude': '0.75 km', 'Latitude': 12.9545325, 'Longitude': 80.1377868}, 'Agash Nursing Home - Hospital in Chrompet, Chennai': {'Phone Number': 'N/A', 'Address': 'New Colony, Chromepet, Chennai', 'Distance from Source Latitude': '0.23 km', 'Latitude': 12.9491132, 'Longitude': 80.137946}, 'Deepam Healthcare Centre Pvt Ltd': {'Phone Number': 'N/A', 'Address': '30, Ayyasamy St, Nehru Nagar, Chromepet, Chennai', 'Distance from Source Latitude': '0.61 km', 'Latitude': 12.9429751, 'Longitude': 80.14199669999999}, 'Sri Venkateshwara Hospital': {'Phone Number': 'N/A', 'Address': 'Plot 51second cross, street, Chandran Nagar, New Colony, Chromepet, Chennai', 'Distance from Source Latitude': '0.91 km', 'Latitude': 12.9540447, 'Longitude': 80.1339769}}

In [26]:

```
display_lat_lon(result_dictionary)
```

Hospital: PARVATHY HOSPITAL  
Latitude: 12.9459046  
Longitude: 80.1365663

Hospital: Gajanan Hospital Pvt Ltd AG Hospital  
Latitude: 12.9504649  
Longitude: 80.1437043

Hospital: Chennai Krishna Hospital  
Latitude: 12.9464318  
Longitude: 80.13677059999999

Hospital: Sudar Hospital  
Latitude: 12.9422327  
Longitude: 80.1408142

Hospital: Sayee Hospitals  
Latitude: 12.9522647  
Longitude: 80.1432823

Hospital: Sriram hospital  
Latitude: 12.9498088  
Longitude: 80.1350827

Hospital: Saraswathy Hospital

Latitude: 12.9425556

Longitude: 80.1405117

Hospital: Government Hospital, Chrompet

Latitude: 12.9455076

Longitude: 80.1356016

Hospital: RK Speciality Hospital

Latitude: 12.9456956

Longitude: 80.1415726

Hospital: Hospital

Latitude: 12.9479602

Longitude: 80.13758159999999

Hospital: BN Sankara Hospital

Latitude: 12.952298

Longitude: 80.1436976

Hospital: Government Hospital Tambaram , Tambaram Taluk

Latitude: 12.9455587

Longitude: 80.13434989999999

Hospital: Balaji Hospital

Latitude: 12.9534793

Longitude: 80.1387487

Hospital: Rrase Hospital

Latitude: 12.9538969

Longitude: 80.1416902

Hospital: Royal Balaaji Hospital

Latitude: 12.9530338

Longitude: 80.1397073

Hospital: CIPACA - Sree Balaji Medical College & Hospital - 24 Hrs Emergency & ICU Hospital

Latitude: 12.9545325

Longitude: 80.1377868

Hospital: Agash Nursing Home - Hospital in Chrompet, Chennai

Latitude: 12.9491132

Longitude: 80.137946

Hospital: Deepam Healthcare Centre Pvt Ltd

Latitude: 12.9429751

Longitude: 80.14199669999999

Hospital: Sri Venkateshwara Hospital

Latitude: 12.9540447

Longitude: 80.1339769

In [27]:

```
result_dictionary = run_get_hospital_other_info(result_dictionary)
```

(12.9459046, 80.1365663)

(12.9504649, 80.1437043)

(12.9464318, 80.13677059999999)

(12.9422327, 80.1408142)

(12.9522647, 80.1432823)

(12.9498088, 80.1350827)

(12.9425556, 80.1405117)

(12.9455076, 80.1356016)

(12.9456956, 80.1415726)

(12.9479602, 80.13758159999999)

(12.952298, 80.1436976)

(12.9455587, 80.13434989999999)

(12.9534793, 80.1387487)

(12.9538969, 80.1416902)

(12.9530338, 80.1397073)

(12.9545325, 80.1377868)

(12.9491132, 80.137946)

(12.9429751, 80.14199669999999)

(12.9540447, 80.1339769)

In [28]:

```
print_final(result_dictionary)
```

Hospital: PARVATHY HOSPITAL

Hospital Emergency Contact Number: +914422382248

Approximate Distance from Accident Spot: 0.41 km

Latitude: 12.9459046

Longitude: 80.1365663

Hospital Address: 241, Grand Southern Trunk Rd, near MIT Bridge, Kamakshi Colony, Chromepet, Chennai

Hospital: Government Hospital, Chrompet  
Hospital Emergency Contact Number: +914425666000  
Approximate Distance from Accident Spot: 0.52 km  
Latitude: 12.9455076  
Longitude: 80.1356016  
Hospital Address: W4WP+665, Chennai - Theni Hwy, Mahalakshmi Colony, Chromepet, Chennai

Hospital: Balaji Hospital  
Hospital Emergency Contact Number: +917550052552  
Approximate Distance from Accident Spot: 0.61 km  
Latitude: 12.9534793  
Longitude: 80.1387487  
Hospital Address: 209, Grand Southern Trunk Rd, Radha Nagar, Chromepet, Chennai

Hospital: CIPACA - Sree Balaji Medical College & Hospital - 24 Hrs Emergency & ICU Hospital  
Hospital Emergency Contact Number: +918238238233  
Approximate Distance from Accident Spot: 0.75 km  
Latitude: 12.9545325  
Longitude: 80.1377868  
Hospital Address: 7 Works, Road, Chromepet, Chennai

In [110]:

Hospital: PARVATHY HOSPITAL  
Hospital Emergency Contact Number: +914443857744  
Approximate Distance from Accident Spot: 0.41 km  
Latitude: 12.9459046  
Longitude: 80.1365663  
Hospital Address: 241, Grand Southern Trunk Rd, near MIT Bridge, Kamakshi Colony, Chromepet, Chennai

Hospital: Sayee Hospitals  
Hospital Emergency Contact Number: +919884065173  
Approximate Distance from Accident Spot: 0.61 km  
Latitude: 12.9522647  
Longitude: 80.1432823

Hospital Address: No.14, Bashyam Street, Radha Nagar Main Rd, T.Nagar, Radha Nagar, Chromepet, Chennai

Hospital: Sudar Hospital

Hospital Emergency Contact Number: +919380708248

Approximate Distance from Accident Spot: 0.65 km

Latitude: 12.9422327

Longitude: 80.1408142

Hospital Address: No: 30, Ayyasamy Street, Nehru Nagar, Chromepet, Chitlapakkam, Chennai

Hospital: Saraswathy Hospital

Hospital Emergency Contact Number: +919380708248

Approximate Distance from Accident Spot: 0.61 km

Latitude: 12.9425556

Longitude: 80.1405117

Hospital Address: Shop No.70, 40, Dr Rajendra Prasad Rd, Nehru Nagar, Chromepet, Chennai

Hospital: RK Speciality Hospital

Hospital Emergency Contact Number: +914422382248

Approximate Distance from Accident Spot: 0.33 km

Latitude: 12.9456956

Longitude: 80.1415726

Hospital Address: No-18, Ramachandra Iyer Street, Nehru Nagar, Chromepet, Chennai

Hospital: Sun Hospital

Hospital Emergency Contact Number: +914422654065

Approximate Distance from Accident Spot: 0.75 km

Latitude: 12.9537918

Longitude: 80.1432586

Hospital Address: No. 203, Shanthi Nagar, 2nd St, Rajaji Nagar, Chromepet, Chennai

Hospital: BN Sankara Hospital

Hospital Emergency Contact Number: +917401675675

Approximate Distance from Accident Spot: 0.64 km

Latitude: 12.952298

Longitude: 80.1436976

Hospital Address: No 26, Rajaji St, Doctors Colony, Chromepet, Chennai

Hospital: Balaji Hospital  
Hospital Emergency Contact Number: +919030273642  
Approximate Distance from Accident Spot: 0.61 km  
Latitude: 12.9534793  
Longitude: 80.1387487  
Hospital Address: 209, Grand Southern Trunk Rd, Radha Nagar, Chromepet, Chennai

Hospital: Rrase Hospital  
Hospital Emergency Contact Number: +919442612065  
Approximate Distance from Accident Spot: 0.69 km  
Latitude: 12.9538969  
Longitude: 80.1416902  
Hospital Address: X43R+HM4, Grand Southern Trunk Rd, Shastri Colony, Chromepet, Chennai

Hospital: CIPACA - Sree Balaji Medical College & Hospital - 24 Hrs Emergency & ICU Hospital  
Hospital Emergency Contact Number: +919840521006  
Approximate Distance from Accident Spot: 0.75 km  
Latitude: 12.9545325  
Longitude: 80.1377868  
Hospital Address: 7 Works, Road, Chromepet, Chennai

Hospital: Agash Nursing Home - Hospital in Chrompet, Chennai  
Hospital Emergency Contact Number: +919444786535  
Approximate Distance from Accident Spot: 0.23 km  
Latitude: 12.9491132  
Longitude: 80.137946  
Hospital Address: New Colony, Chromepet, Chennai