Saint Sita Ram Innovation Lab

Innovate. Develop. Deliver.

01 DeepTech

Multiproduct company, patents in **Automotive** and **Health**

02 1M+ users

Trained to save **fuel**, **money** & **environment** through our fuel tech

03 $ 28 B market

Business potential for **FUELabc Map** & **ACSS** (Adaptive Cruise Speed Selection) India & USA

04 IP Portfolio

7 Granted **USA** & **India** Patents.
5 Copyrights

FUELabc Map

Fuel-efficient navigation

FUELabc ACSS

(Adaptive Cruise Speed Selection)
An ADAS Assist



SSR has licensed technology to Navigation & Automotive MNC having operations in 150+ countries.

Know more about SSR products www.ssrinnovationlab.com

The SSR Team



Lalit Mohan

Founder

Ex-IITian

30 years in product development

13 patents, including 3 US patents

4 commercialized



Chirag Sharma

IP Head



Asif Khan

Product Head



Himanshu

Head IT Cell



Chaman Raj

Designer



Naval Sehgal

Data Analyst



Anmol Singh

Full Stack Developer

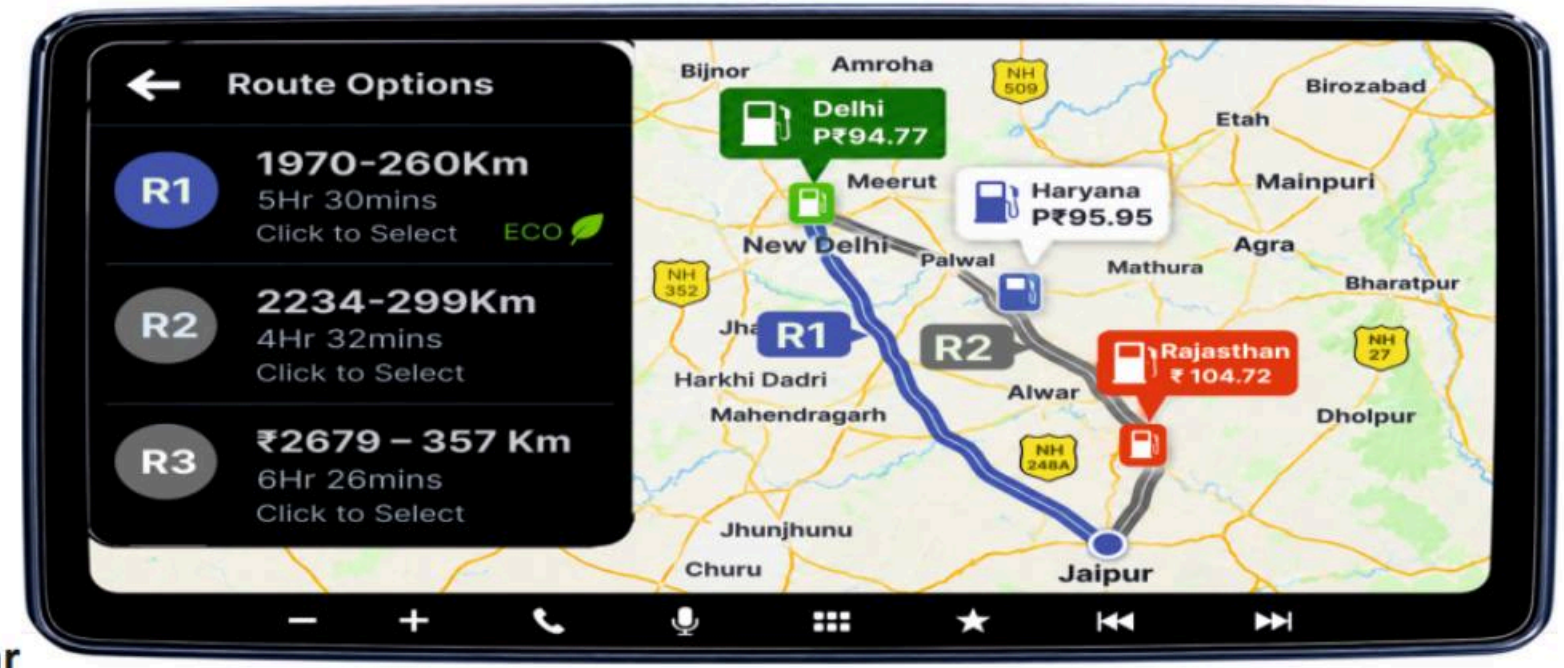
Navigate with Adaptive Cruise Speed Selection

ADAS Assist

1 Enter Destination



2 with Select Route ~~without~~ Fuel Cost as per Vehicle make/model



Download App

Rs. 149/year

3 Adaptive Cruise Speed Selection ~~without~~ with a Goal.

Goal: Range | Cost/km | Co2 | Time | Rendezvous

Settings

ADAS Assist

Cruise Speed



SSR has licensed technology to Navigation & Automotive MNC having operations in 150+ countries.

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Money Saved in One Round Trip

Delhi – Jaipur – Delhi

Fuel Refill Saving *Rs 10/l × 60 l*	**Rs 600**
Trip Cost on Alternate Route Saving	**Rs 528**
Speed Adjustment Saving	**Rs 586**
Total Saving	**Rs 1714 per trip**

CO_2 not released

15 kg

-30%

Round trip

Mileage vs Speed

Speed-mileage data by maker & model, 30 to 120 km/h

Save up to 30% on fuel and reduce CO_2 emissions



Dzire

Petrol 1197cc

27 km/l at 80 km/h

Speed km/h	80	90	100
Mileage km/l	27	23	18
Cost/km Rs	3.64	4.27	5.46
Range km	270	230	180



Grand Vitara

Petrol 1490cc

29 km/l at 80 km/h

Speed km/h	80	90	100
Mileage km/l	29	24	22
Cost/km Rs	3.39	4.09	4.47
Range km	290	240	220



Alto 800

Petrol 796cc

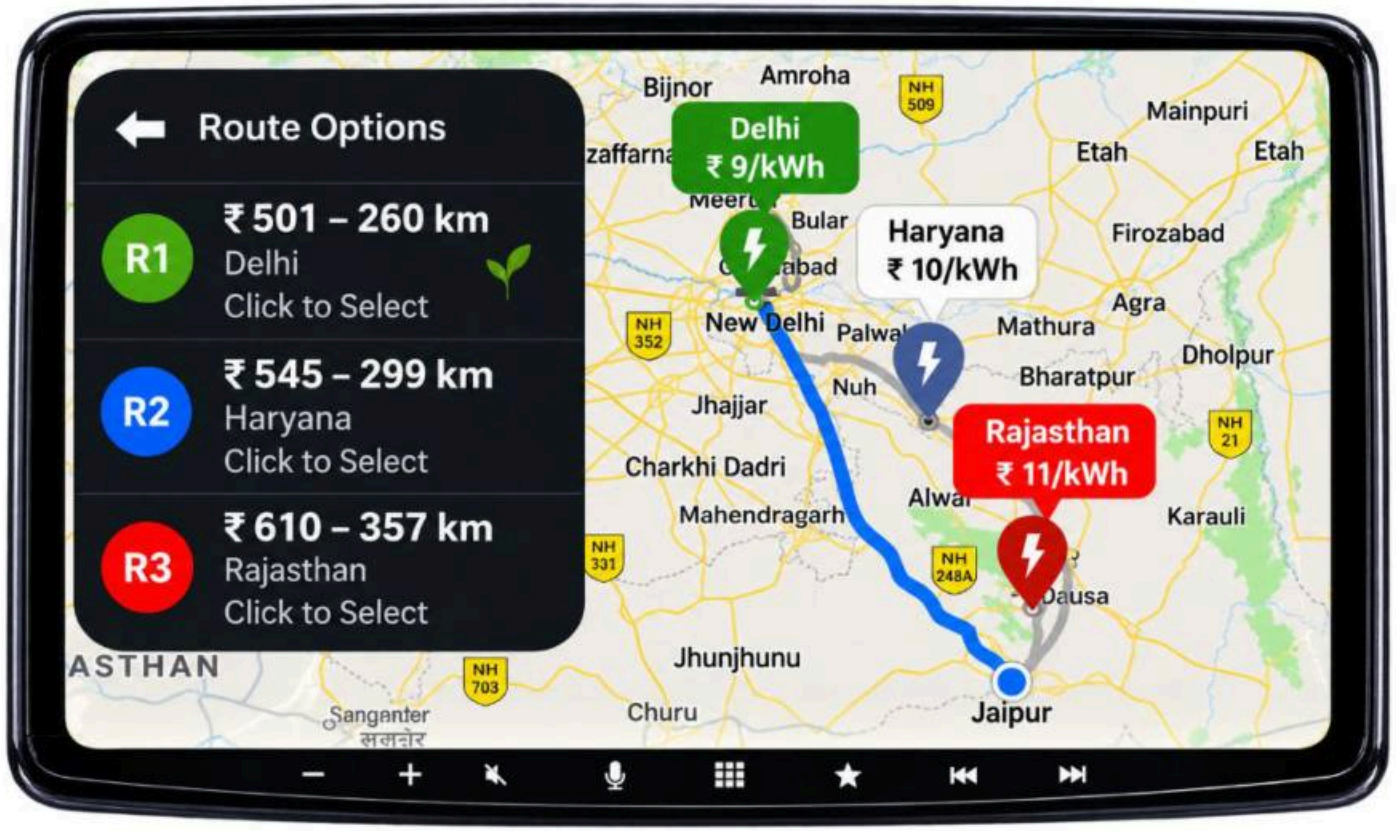
23 km/l at 80 km/h

Speed km/h	80	90	100
Mileage km/l	23	20	16
Cost/km Rs	4.27	4.91	6.14
Range km	230	200	160

Range shown for 10 L of fuel

FUELabc Map – Delhi to Jaipur (EV)

PREVIEW



At 90 km/h speed

Features Offered	Delhi – Jaipur
Distance	260 km
Time	5 hrs
Toll Cost	Rs 210
Navigation	Yes
Fuel Trip Cost	**Rs 291**
Total Trip Cost	Rs 501
Speed vs Energy	131 Wh/km at 100 km/h 119 Wh/km at 80 km/h

EV: cost as per vehicle maker/model. Total = fuel + toll.

For EV – Speed vs Range vs Energy vs Cost/km

Speed km/h	70	80	90	100
Range km	520	494	473	452
Energy Wh/km	113	119	125	131
Cost/km Rs	1.02	1.07	1.12	1.17

Battery Capacity	59 kWh
Range (at full charge)	542 km
Home Charge	Rs 9/kWh



Energy Saved – Range Increased

Delhi – Jaipur – Delhi

At 100 km/h vs 80 km/h



Total Range Added

~ 52 km

FUELabc ACSS

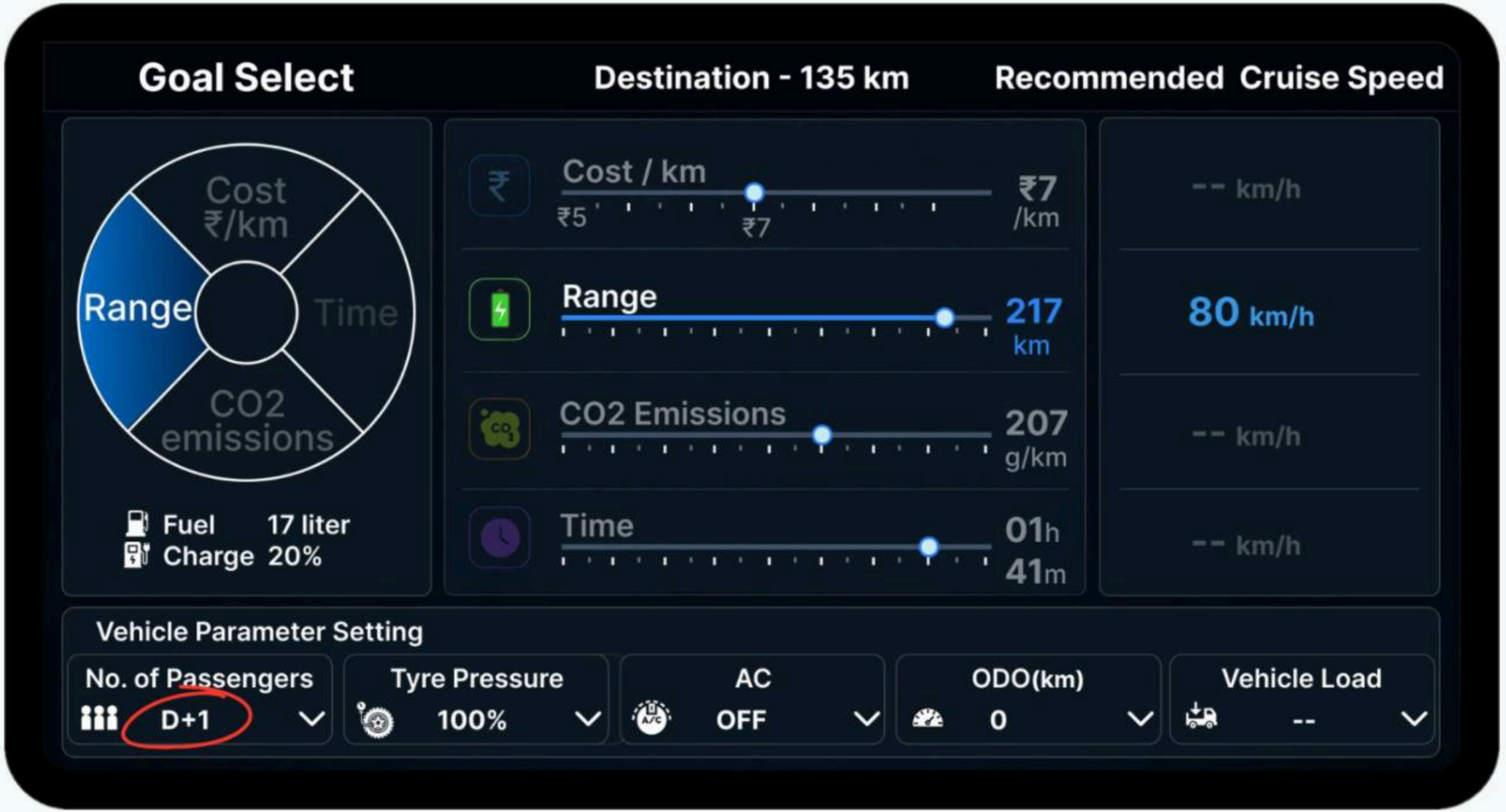
***(Adaptive Cruise Speed Selection)**. ADAS Assist*



* **Solution by Saint Sita Ram Innovation Lab**

Adaptive Cruise Speed Selection – GOAL 1 : Range

(Number of Passengers : Driver + 1, Tyre pressure : 100%, AC : OFF, Odometer : 0 km)



Potential Engagement Model

Product & Technology Partnership

- Engaging with existing map partners having operations in more than 150 countries

API-based integration

- APIs will be integrated on top of existing Map & Navigation

Licensing / IP-led collaboration

- Issuing License per Vehicle

Benefits to OEMs

01. Fuel & Cost Savings



Helping users save fuel and money (~30%) by choosing the fuel-efficient route, refuelling at the lowest price and driving at the recommended speed, reducing CO_2 emissions and accident-prone situations.

02. Feature Addition



ADAS Level 2 – a new feature addition without R&D expenditure.

03. Increased Vehicle Sales



Ultimately, high customer satisfaction, resulting in an increase in vehicle sales.

Thank You

Let's connect

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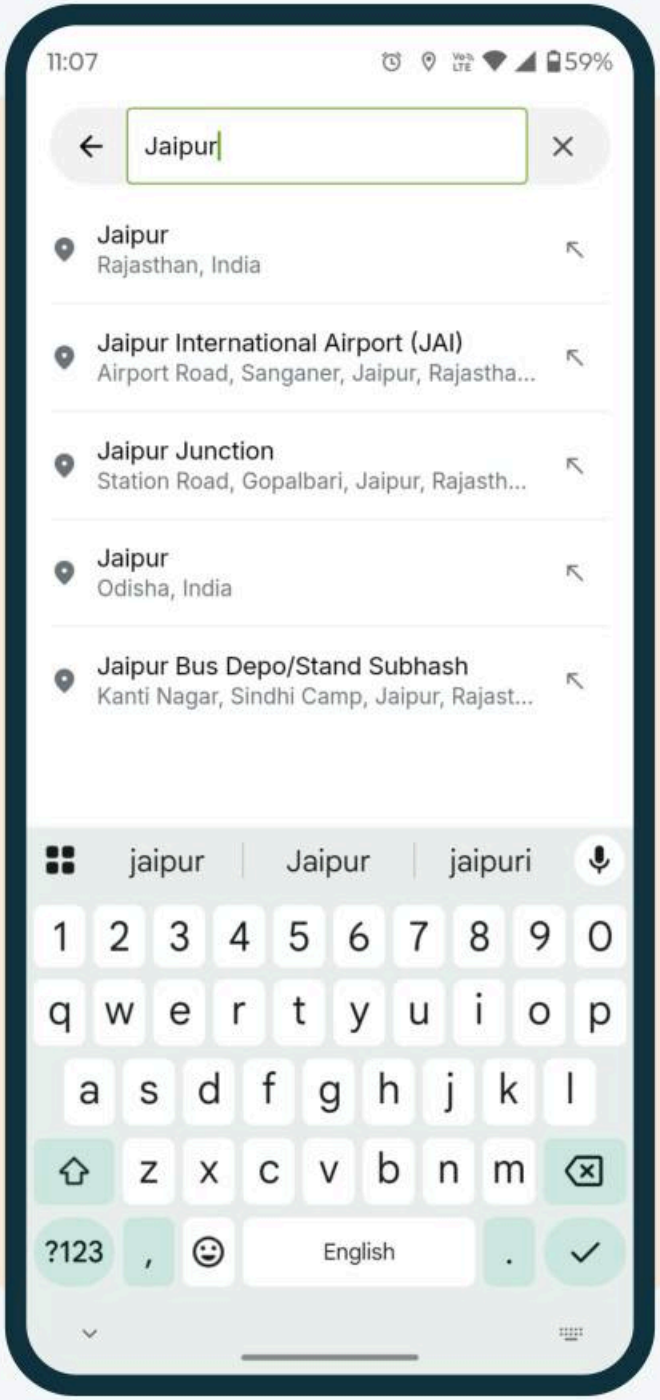
www.ssrinnovationlab.com

1

FUELabc Map

Enter Destination

Search any destination and pick from live suggestions as you type.

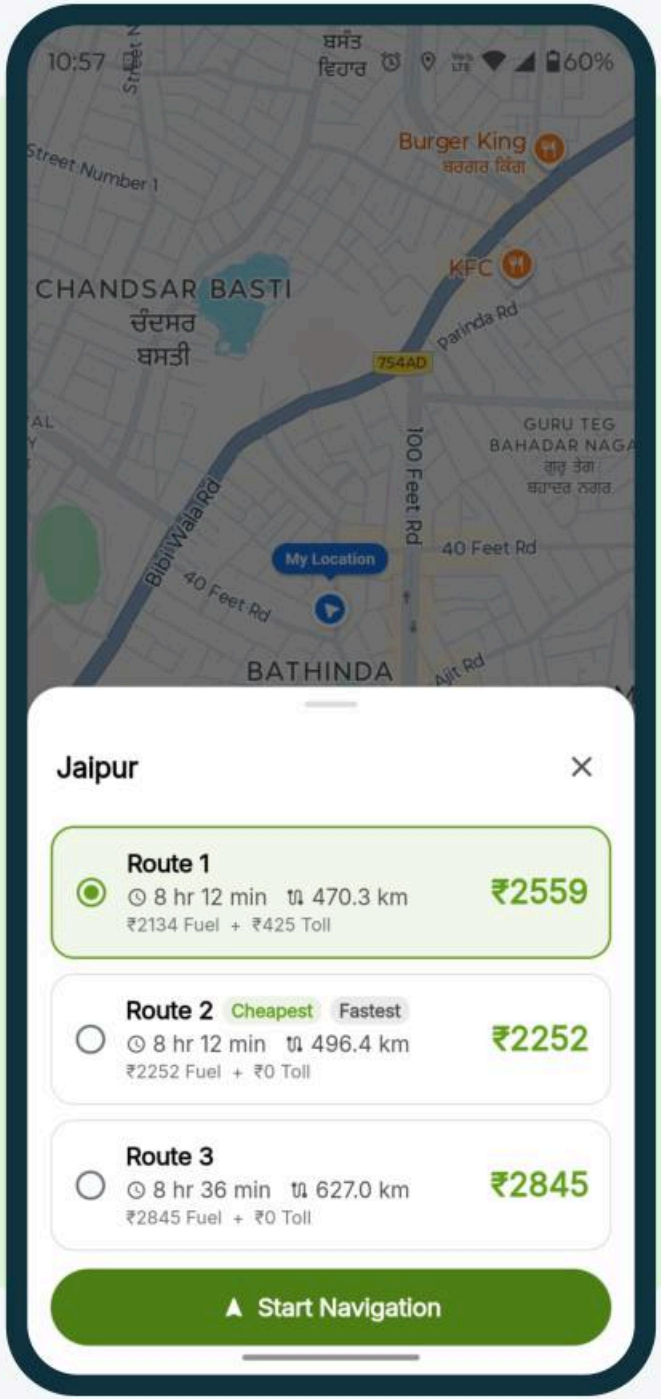


2

FUELabc Map

Select Route

Compare trip time, distance and total cost (fuel + toll) for every route.

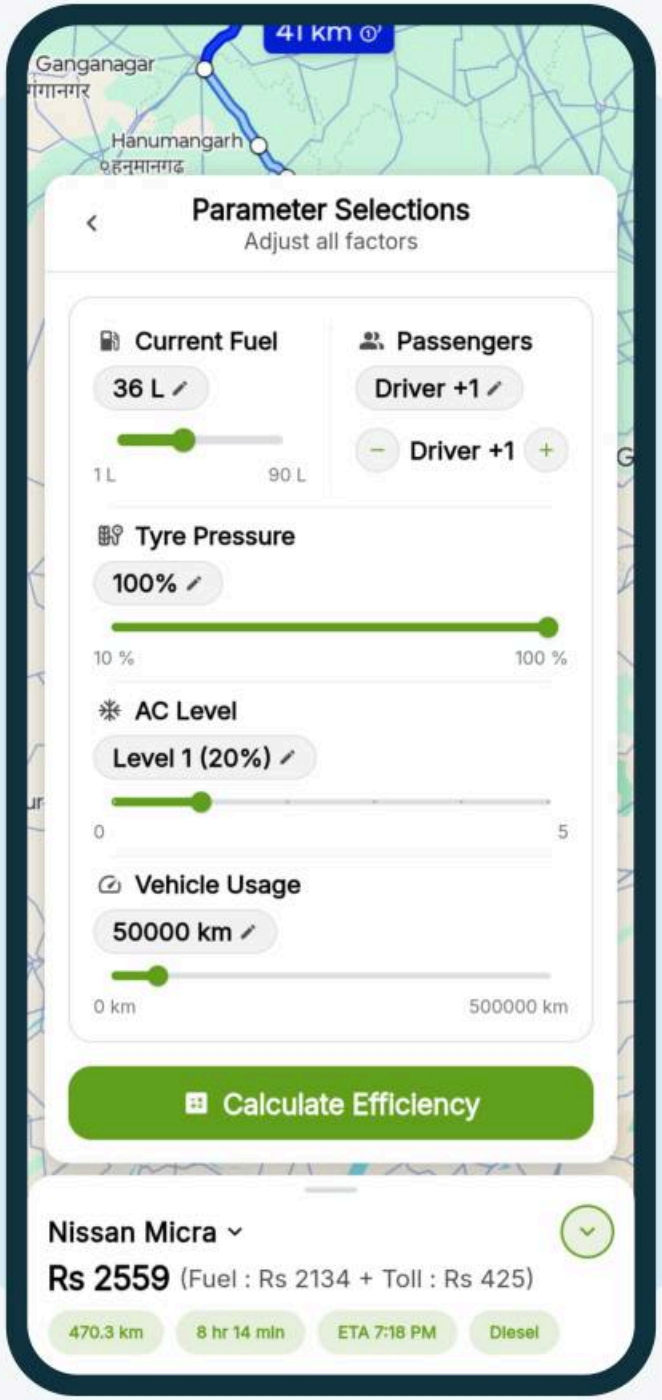


3

FUELabc Map

Set Vehicle Parameters

Adjust fuel, passengers, tyre pressure, AC level and vehicle usage to get a cost that fits your drive.

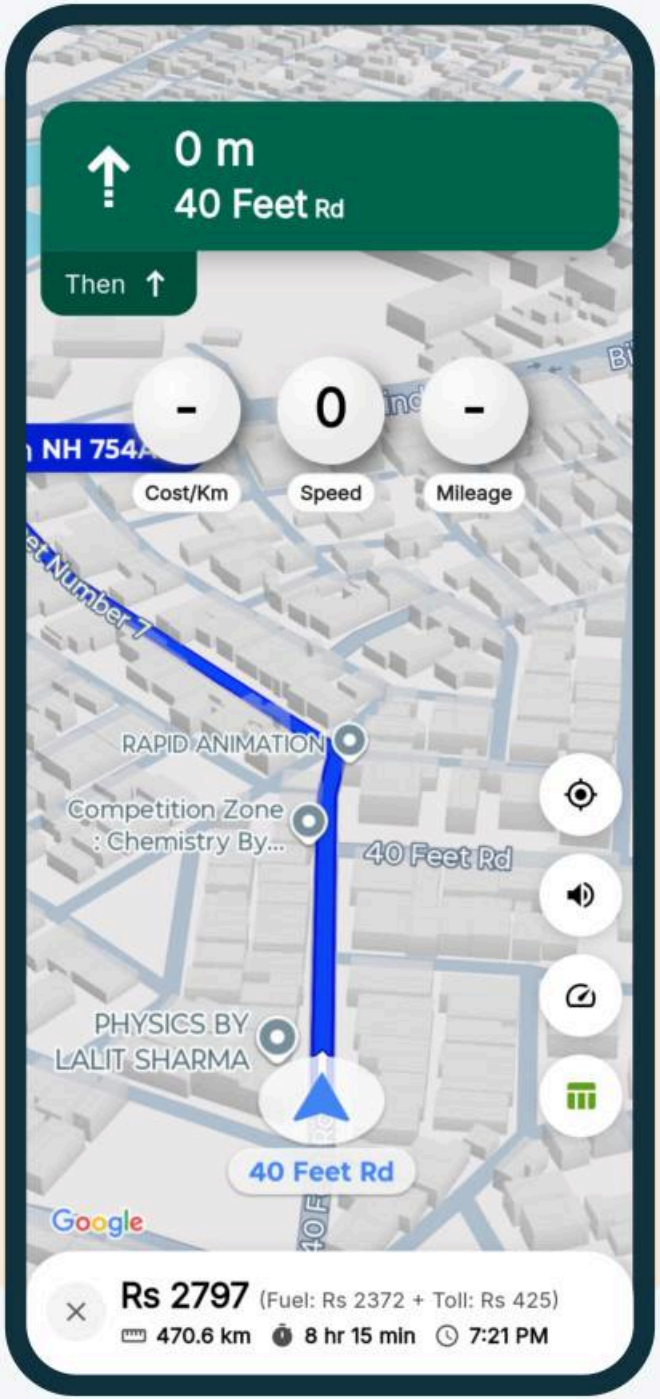


4

FUELabc Map

Start Navigation

Turn-by-turn guidance with live Cost/Km, Speed and Mileage, and trip cost at a glance.



5

FUELabc Map

Speed Analysis Table

See mileage, fuel cost, range and CO2 emissions at 90, 100 and 110 km/h side by side.

