

AFFINITY CLUSTERING

Upcoming tier 1 city	Safe and secured city	City has good public infrastructure	Public infrastructure is well maintained	Active municipal corporation	Municipal corporation focusing on cleanliness	Government is focusing on city cleanliness	Satisfied with govt. bodies in terms of cleanliness		
Untapped tourism sector	Beaches are a great attraction even for the locals	Not enough tourism development	No night life	People don't value local amenities like beaches	Rise of food truck culture after Covid	Beach provides a lot of people with self-employment opportunities	Rapid urbanization destroying natural beauty of the city	Language barrier for outsiders	Tourist Information center at Visakhapatnam railway station but not good
Rise in personal EVs	Rising personal EVs/People thinking of buying EVs	Aspire to own a personal vehicle	Rising petrol prices	Easy buying options	Cheaper electric 2W	City has great scope for NMT services	People considering bicycles for short distances due to rising fuel prices	Climate and geography not suitable for NMTs	
Disconnected outskirts	Lack of connectivity in outskirts	No intra industry connectivity	Different transport options are not connected to each other	No connectivity for laborers from industry to their villages	Rapid urbanization destroying greenery	Urban spread	Greenery attracts people but reducing greenery	Rapid urbanization destroying natural beauty of the city	
Pollution due to industry	Pollution due to industry	High vehicle maintenance costs due to pollution	Rise in traffic due to personal vehicles	2-wheelers are more popular in the city	Aspire to own a personal vehicle	Street food vendors near beach prefers personal vehicle as it is easy to carry their items	Rising traffic after covid due to rising personal vehicles		
Lack of connectivity options	Few alternate vehicle options	Disintegrated transport system	Challenges in shared/public EVs	Almost no electric shared mobility	Almost no EV charging infra	Skepticism around EVs	Economically Unsustainable EV bus model		
Climatic and geographic condition plays vital role	Climate and geography not suitable for NMTs	Humid climates rusting things	Risk of natural hazard	Huge impact of natural disasters	Outdated skilled population	People depends heavily on industries for work	Machines replacing human jobs	Tech implementation on rise	Decreasing employment in industries due to tech advancement
Decreasing demand of auto rides	People preferring unshared auto after covid	Rising autos but decreasing passengers	Rising auto fare	Rising diesel prices	Cheap but crowded autos	Job dependency on heavy industries	Job loss due to privatization	People depends heavily on industries for work	Decreasing employment in industries due to tech advancement
Post-covid effects	Increase in fares of auto after corona	Rising traffic after covid due to rising personal vehicles	People avoiding shared auto after corona	Local vs migrants	Discrimination/repulsion towards migrants	Language barrier between migrants and locals	Cultural difference between city center and outskirts		
potential and Struggling public transportation system	Bus delays/no timings	Crowded buses at peak hours	Traveling in groups is difficult in public transport	People prefers personal transport more than any other mode	Big luggage not easy to carry in buses	Buses are old/bad condition	No digital payments in buses	Disconnected transportation system	