



shaping the way cities move

Area Parking Plan for South Zone Volume 1

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**Directorate of Urban Land Transport,
Urban Development Department,
Government of Karnataka**

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Abbreviations

BBMP	Bruhat Bengaluru Mahanagara Palike
CAGR	Compound Annual Growth Rate
DULT	Directorate of Urban Land Transport
GIS	Geographic Information System
HCV	Heavy Commercial vehicle
LCV	Light Commercial Vehicles
NMT	Non-Motorized Transport
RTO	Regional Transport Office
SMMS	Shared Micro Mobility Services

1 Introduction to Area Parking Plan

1.1 Background

Bengaluru city has seen unprecedented growth in population and consequently in the number of vehicles registered in the city. The data published by the Department of Transportation, Government of Karnataka reveals that the number of registered vehicles in the city has crossed 94 lakhs (9.4 million) as of May 2020 and the compound annual growth rate (CAGR) of vehicle registrations is over 10% per annum.

The roads in Bengaluru are already congested with typical average speed on major roads during peak hours being around 15 km/h and average public bus transport speed being around 10 km/h. Various initiatives like introduction of metro rail, construction of flyovers, etc. have not resulted in perceivable changes in alleviating congestion on the roads of Bengaluru. There is a need to moderate vehicle usage while concurrently developing sustainable transport infrastructure to be able to cope with the mobility challenges in the city. Globally, parking regulation has been identified as a crucial intervention to optimize the use of road space as well as a tool to discourage use of private modes of transport.

Currently, parking is largely unregulated across Bengaluru. On-street parking is rampant as it is not chargeable in most places and is increasingly causing issues of safety for other road users and reduced carrying capacity of roads. The few locations where parking is charged, are managed by unorganized sector, and do not have standard parking charges through-out the city. Locations where parking happens today are not clearly marked as parking bays and there is no signage put up. The civic agency and other public and private entities have built off-street parking infrastructure (multi-level parking lots) in few locations, but the approach has not been successful as on-street parking remains unregulated and free. Above issues, coupled with lack of adoption of technology makes management and enforcement of parking an uphill task.

In this regard Directorate of Urban Land Transport has prepared Parking Policy 2.0 for Bengaluru which was approved by the Government of Karnataka. Area level parking plans for all planning zones of BBMP are being prepared by DULT for implementation by BBMP.

This report presents the area parking plan for non-residential roads in South Zone prepared by DULT. BBMP shall be responsible for implementing it by undertaking on-site works and procuring services of a parking management agency to implement the plan and operate the same.

1.2 Parking Policy 2.0

1.2.1 Objectives of Parking Policy

Bengaluru, a fast-growing metropolis, has set its goal to move a major share of its population through mass transit systems like metro, suburban rail, and bus-based systems. Currently more than 40% of the trips in the city are catered by public transport and CMP 2020 stipulates that 70% of all trips are required to be catered by mass transit/public transport by 2035 for the

city to avoid gridlock. In this context, implementation of Area Parking Plans will be instrumental in achieving the broader mobility objectives of Bengaluru and the parking policy proposes to achieve the following objectives through implementation of Area Parking Plans in a phased manner:

Objective 1

Move from chaotic parking to well organized parking:

- Organize and manage on-street parking to ensure that parking does not impinge upon seamless vehicular and pedestrian circulation.
- Shift supply to off-street parking and minimize on-street parking supply to free up scarce street space for transit and NMT supportive uses.
- Free-up residential streets with regulated parking to allow these streets to transform into walkable & livable streets
- Inclusive planning of parking supply to support local business opportunities, facilitate people to access social infrastructure and recreational facilities.

Objective 2

Move from free parking to paid parking:

- Charge the user the cost of parking to largely transfer the cost of using a scarce resource from public at large to the beneficiary
- Unbundle parking charges and make users directly pay for their desired parking Convenience

Objective 3

Move from Government driven parking supply to market driven parking supply and management:

- Enable faster development of organized off-street parking supply and efficient management through means of private market forces.
- City needs to explore privately financed and market driven off-street parking regime, in addition to public funded, government created off-street parking regime.

Objective 4

Move from passive and weak enforcement of parking regulations to active management of parking demand:

- Urban local body to consider parking management as one of its key functions and deliver parking services in a systemic and efficient manner
- Use of technology in enforcement and management of parking to better address concerns of manpower shortage, efficiency, and pilferage.
- Support and increase the patronage of public transport by cross subsidizing transit and NMT infrastructure through parking revenue

Parking Policy 2.0 has therefore identified zonal level Area Parking Plans as the implementation tool for the parking regulations identified in the policy.

1.3 Scope of Work

Scope of work for preparation of Area Parking Plans for South Zone includes the following-

- Identification of streets where on-street parking caters to more than 70% non-residential land use.
- Assessment of current parking demand characteristics like type of vehicles parked extent of parking etc.
- Assessment of site conditions for providing parking like carriageway widths, availability of footpaths, intensity of bus movement etc.
- Allocation of regulated parking based on policy stipulations, demand characteristics, and site constraints
- Detailed drawings of plans and street sections indicating mode-wise parking provision on road including location of signages
- Stakeholder consultations with zonal task force and ward level stakeholders

2 Study Methodology

The following methodology has been adopted to arrive at on-street parking arrangement plans for each road in the zone.

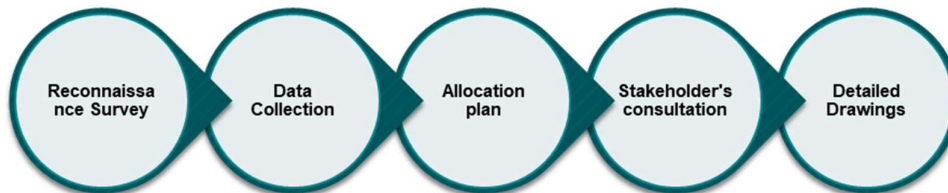


Figure 1: Methodology of Area Parking Plan

2.1 Reconnaissance Survey

Reconnaissance survey was carried out on all the roads in the zone. The road with non-residential parking demand were selected to further study and carry out data collection. Residential roads and roads with no parking demand were not considered in the study

2.2 Data Collection

To understand the street character and parking demand, inventory surveys were carried out using the Arc GIS collector application. The platform was developed to facilitate the data collection which was coded and allowed for capturing of photographs of the survey location. Various attributes as per the survey requirements were provided in the application format to collect the information. The following figures shows the user interface of the application and the attributes provided for data collection:

Photographs captured for each road segment along with Data

OBJECTID	995	Landuse_RHS	
Status	New	Landmark_RHS	open space
Surveyor_Name		CW_RHS	3.5
Road_Name	C,N	FP_RHS	1
Traffic_Movement	1st main Road	Shoulder_RHS	1.5
LandUse_LHS	Commercial	ParkingType_RHS	Parallel
LandUseRemark_LHS	open space	Legality_RHS	Authorised
LandMark_LHS	open space	Car_RHS	4
CW_LHS	3.5	Bike_RHS	12
FP_LHS	2	PBS_Cycle_RHS	3
Median	0	Cycle_RHS	15
Shoulder_LHS	0.75	LanduseRemarkRHS	Restaurant
ParkingType_LHS	Parallel	PrivateBus_RHS	0
Legality_LHS	Authorised	SchoolBus_RHS	1
Car_LHS	6	RTC_RHS	
Bike_LHS	40	Auto_RHS	8
PBS_Cycle_LHS	0	LCV_RHS	1
Cycle_LHS	10	HCV_RHS	1
PrivateBus_LHS	0	TractorTrailer_RHS	0
SchoolBus_LHS	1	Ambulance_RHS	1
RTC_LHS	0	Others_Specify_RHS	-
Auto_LHS	0	TSS	No
LCV_LHS	13	DemandSurvey	
HCV_LHS	0	Remarks	
TractorTrailer_LHS	0	Shape__Length	217.110827176484
Ambulance_LHS	1	date_	10/11/2021
Others_Specify_LHS		CreationDate	12:20:18 PM
		EditDate	10/11/2021
			12:18:13 PM

Figure 2: Attributes collected during the data collection phase

The following surveys were carried out using Arc Collector GIS application on the identified road in reconnaissance survey to understand the existing parking characteristics:

2.2.1 Road Inventory Survey

The road inventory was carried out for all the road with non-residential parking to capture the details of carriageway width, footpath width, one way/two-way traffic movement, divided/undivided road, bus stop locations, auto stand locations, etc. this helps in understanding the street character and availability of capacity for parking provisioning.

2.2.2 Parking Inventory Survey

The parking inventory was carried out on road with non-residential parking demand to collect the data related to attributes like mode wise count of vehicles parked, parking pricings (if any), legality of the parking, capacity, and location of existing off-street parking locations etc.

2.2.3 Land Use Survey

The land use of the building blocks was captured for roads where parking inventory was planned. A broad classification of the land use was survey to understand the overall character of the street with respect to the parking demand.

2.3 Parking Allocation Plan

A parking allocation plan was prepared for streets with parking demand based on the understanding of the street character (including road inventory, traffic intensity, intensity of bus movement, etc.), design principles and data captured to regulate the on-street parking demand. This parking allocation plan is at a conceptual level and provides the information on location at which parking is proposed, number of proposed parking bays for each vehicle type like cycle, shared micro mobility services, two wheelers, four wheelers, parking for persons with disability, auto stand, and designating spaces for pick up and drop, and loading and unloading.

2.4 Stakeholders' Consultation

The parking policy 2.0 of Bengaluru prescribes constitution of a zonal task force under the respective Zonal Joint Commissioner, BBMP with representatives from Traffic Police and jurisdictional RTO for each zone to assist/monitor in preparation and implementation of Area Parking plans. In this regard parking plans have been discussed with all the stakeholders under the chairmanship of Joint commissioner of the zone followed by discussion of ward wise plans and site visits with respective ward engineers and traffic police officials. The agenda of the consultations was to seek feedback and inputs on the parking allocation plan prepared for the zone and to get the approval of the zonal task force on the prepared parking plans. The details of the consultations and consultation proceedings are attached in annexure 2.

2.5 Detailed Drawing

Based on the inputs and feedback from Zonal task force, the Area Parking Plans for the zone have been appropriately finalized. The roads where parking has been finalized were surveyed to develop a base drawing depicting existing site conditions including identification of above ground utilities, cross roads, vehicular access ramps, trees, etc.

The base drawings were utilized to stipulate the parking bays for pick-up/ drop-off bays, loading/ unloading bays on the street as per the standard dimensions required for parking and detailed in Chapter 3. Signage is key for dissemination of information regarding the regulations governing the usage of the parking bays like type of vehicles that can park, parking charges applicable etc. Proposed locations of appropriate signage related to parking have been indicated in the detailed drawings.

3 Design Principles

3.1 Parking Principles

3.1.1 Principles for Parking Allocation

The principles considered for the allocation of on-street parking are given below:

- a. Parking has not been provided for up to 50 meters and 25 meters on each arm of major and minor junctions respectively, to avoid potential inconvenience to the pedestrians crossing at junctions or vehicles turning at junctions.
- b. Provision of on-street parking is prohibited within 250m of a Multi-Level Parking complex and metro stations to encourage people to use such facilities instead of parking on street.
- c. Roads with the high movement of traffic have been rationalized for provisioning of parking. Parking has been avoided on roads with high intensity of traffic movement or with high frequency of bus movement.
- d. Parking on the roads has been provided only after earmarking a width of 2 m for footpaths on either side of the road.
- e. As a part of Area Parking Plans, parking has been provisioned for all types of vehicles which includes cycles, SMMS, loading/unloading bays for trucks, autorickshaw stands, disabled parking and private vehicles.
- f. Parking bays are allocated based on the mode-wise demand captured from parking demand survey and street inventory survey.
- g. Parking bays for differently abled persons on each road are allocated closer to footpath ramps, elevators, or access to establishments.
- h. It is ensured where feasible that parking for cycles and SMMS is provided at every 250 to 300 m to facilitate last mile connectivity to public transport and short commute in the area

3.1.2 Principles of Parking bays design

The following are the design standards adopted for bays allocated for different kind of vehicles based on the relevant standards and studies

- Parking bays two-wheelers/ motor bikes (L*B) = 2.0 X 1.0 meters
- Parking bays for four-wheelers/ cars/ jeeps (L*B) = 5.5 X 2.5 meters
- Parking bays for Persons with Disabilities using two-wheelers (L*B) = 2.0 X 2.0 meters
- Parking bays for Auto rickshaw (L*B) = 3.0 X 2.0 meters
- Parking bays for Cycle and SMMS parking (L*B) = 2.0 X 10 meters

- Parking bays for Pick up & Drop Off – (L*B) = 11.0 X 2.5 meters (Equivalent to two car Bays)
- Parking bays for LCV (L*B) = 5.5 X 2.5 meters
- Parking bays for HCV (L*B) = 11 X 2.5 meters

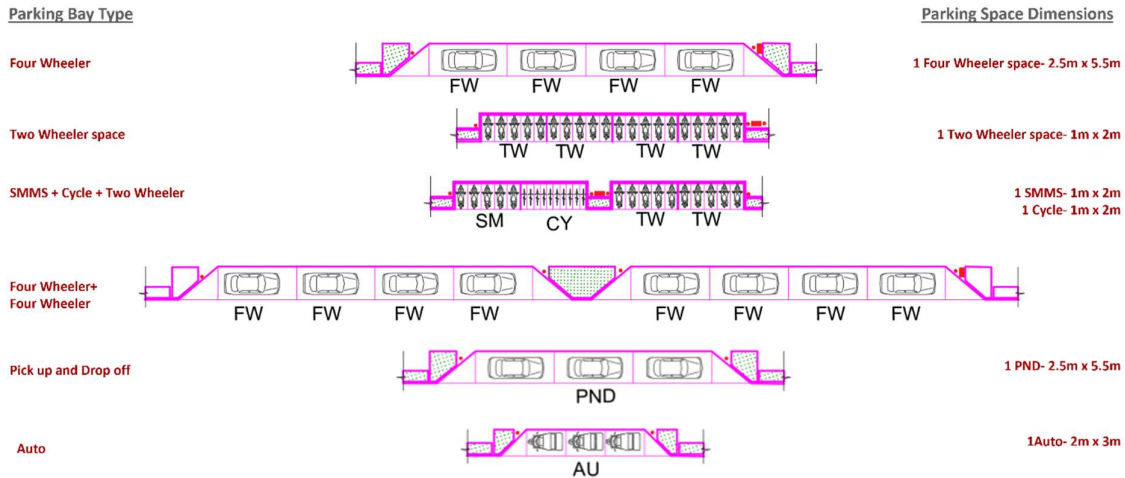


Figure 3: Typical arrangement of parking bays

3.2 Parking Signage

For implementing the parking policies, signage forms an important component of the parking system for communicating to road users regarding various parking regulations applicable at any given parking lot like type of vehicles allowed to park, maximum allowed duration for loading/unloading, parking fee structure etc. In this context, a parking signage manual has been developed which will be shared in due course.

The tentative signage plan is also included in the designs provided. Based on the manual guidelines the respective signage plan must be taken up for implementation.

4 Study Area

4.1 Zonal Details

The study area considered for preparation of Area Parking Plans is South zone which has 44 wards covering 709 sq.km area and with a total population of approximately 16,56,072 (as per 2011 census). The population density of the South zone comes to about 2335 persons/sq.km. It comprises of a total road network of 1436 Km.

Below is the zonal map of the South zone.

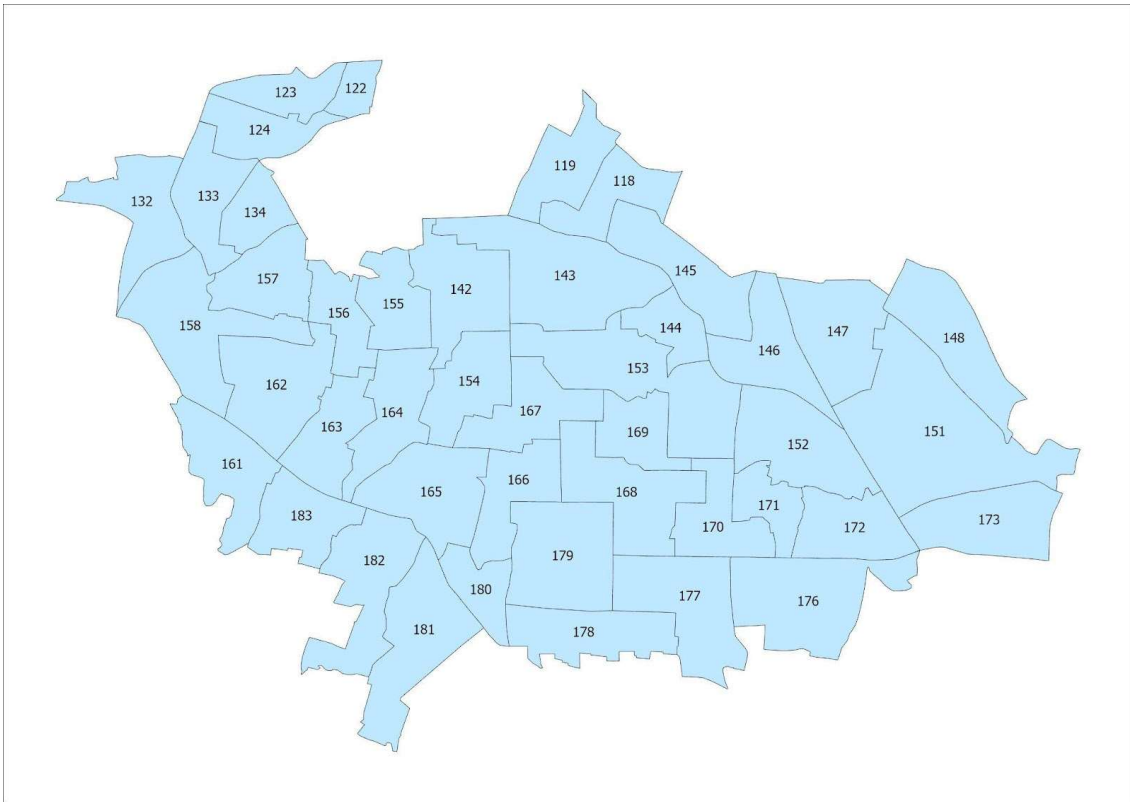


Figure 4: Zonal Map of South Zone

Some of the major roads with traffic movement and intense commercial activity include area such as Koramangala, Gandhi Bazaar, Basavanagudi, Jayanagar, Vijayanagar, Chickpete, etc.

The major attraction points in the South zone are Gandhi Bazaar Market, Bull Temple Road, Gali Anjenaya Temple, Jayanagar Shopping complex, Lalbagh, VV Puram Chat street, etc.

Following is the map showing the roads on which the parking allocation is proposed.

4.2 Parking allocation – Zone Level

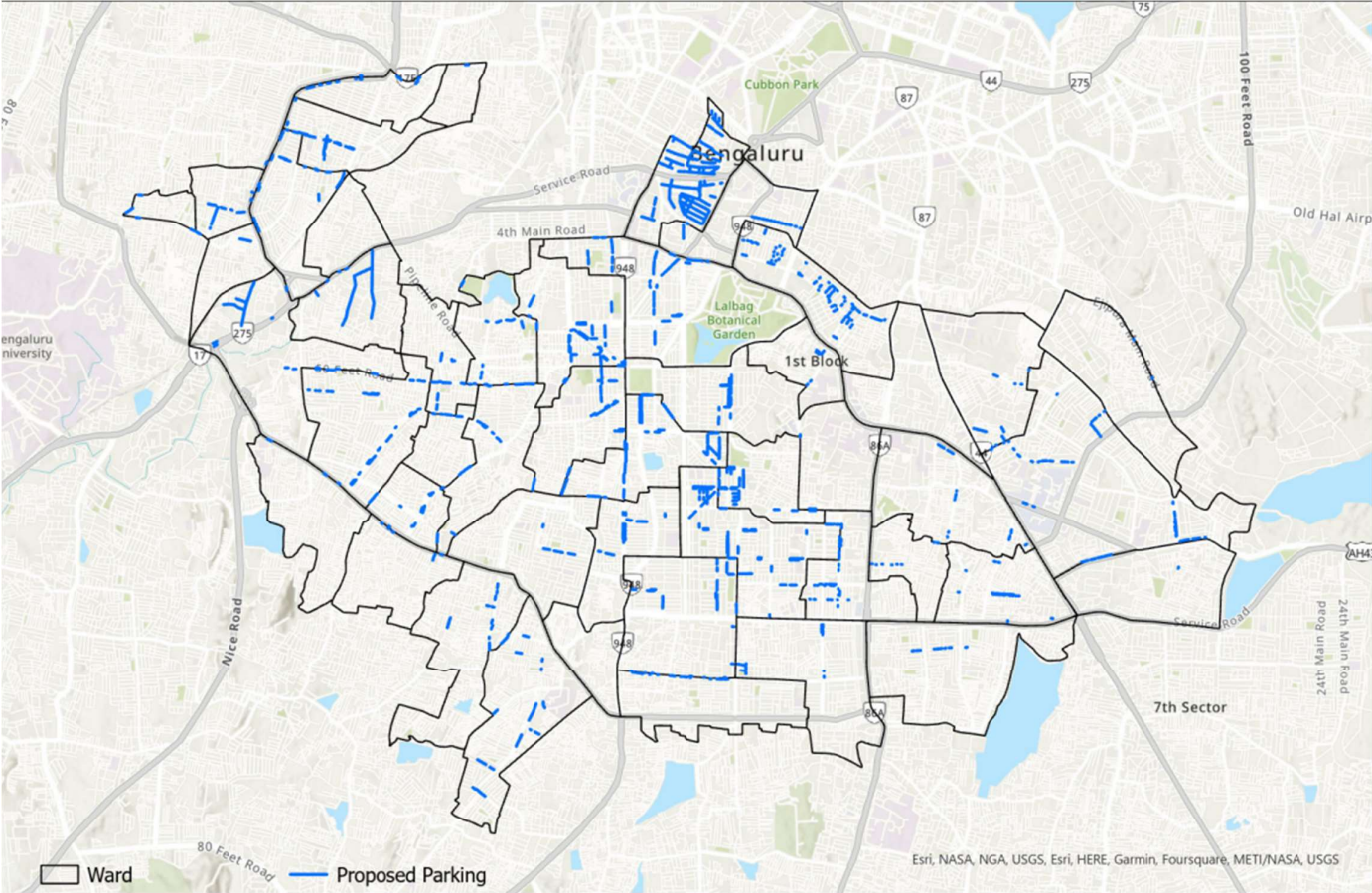


Figure 5: Parking Allocation Plan for South Zone

Detailed drawings for the roads with on-street parking have been prepared indicating all the different modes and their numbers as shown in the table below (Table 4.2.1). All the road where on-street parking is provisioned is classified into 3 categories for differential pricing namely, A, B and C. Roads with A category are 'city level attractors' and would have higher pricing than B and C category road, roads marked as B are 'neighborhood level attractors' and would have pricing charges between A and C category road pricing and those in C category are 'local level attractors' and will have the lower parking charges compared to A and B roads. Parking charges shall be exempted for cycles, SMMS, and auto stands on all roads.

4.2.1 Number of proposed parking spaces (mode wise) for each road at ward level

Ward No	Ward Name	Road Name	Cycle	SMMS	Two-Wheeler	PWD	Car	Auto	Pick-Up/Drop-Off	LCV	HCV	Loading/Unloading	Pricing Categorization
122	Kempapura Agrahara	Magadi Main Road	40	20	0	0	0	0	6	0	0	0	B
123	Vijayanagar	3rd Cross Road	10	0	0	0	0	0	0	0	0	0	C
		Service Road -WOC	20	10	60	0	18	7	4	0	0	0	B
		9th Main Road	0	0	10	0	0	0	0	0	0	0	B
124	Hosahalli	1st Main Road	30	15	111	2	18	0	1	2	0	0	C
		Railway Parallel Road	10	0	53	0	11	0	2	0	0	0	C
		Pipeline Road	10	0	0	0	0	0	0	0	0	0	C
		5th Main Road	10	10	38	1	11	0	2	0	0	0	B
133	Hampi Nagar	Hampinagar Main Road	5	5	0	0	0	0	0	0	0	0	B
		4th Cross Road	5	5	20	0	0	0	2	0	0	0	C
		Railway Parallel Road	20	2	0	0	8	0	0	0	6	0	C
132	Attiguppe	Chandra layout Main Road	15	15	55	0	13	0	0	0	0	0	B
		2nd Cross Road	5	5	0	0	8	0	3	0	0	0	C
		Depot Road	10	5	0	0	0	0	0	0	0	0	B

		Skylien Apartment Road	15	15	0	0	0	0	0	0	0	0	C	
		14th Main Road	2	10	35	0	0	0	0	0	0	0	0	C
		80 Feet Road	25	15	30	0	4	0	0	0	0	0	0	B
134	Bapuji Nagar	Mysore Road	60	30	0	0	0	0	9	0	0	0	B	
157	Gali Anjenaya Temple	8th Main Road	10	0	10	0	0	0	4	0	0	0	C	
		1st Main Road	10	10	30	0	0	0	0	0	0	11	C	
155	Hanumanth Nagar	22nd Main Road	10	0	40	0	0	0	0	0	0	0	C	
		14th Main Road	0	0	30	0	0	0	0	0	0	0	C	
		Mulakattama Temple Road	10	5	0	0	0	0	0	0	0	0	C	
		Kaveri Nadi Road	30	15	0	0	4	0	1	0	0	0	B	
		Bande Makamma Temple Road	0	0	10	0	7	10	0	0	0	0	0	B
162	Girinagar	Outer Ring Road	30	25	0	0	0	0	0	0	0	0	B	
		80 Feet Road	70	35	194	4	30	0	3	1	0	0	B	
		Girinagar Main Roa	30	10	61	2	10	0	5	0	0	0	B	
		50 Feet Road	115	60	265	11	28	10	7	0	0	0	B	
164	Vidyapeeta	Kathriguppe Main Road	50	30	28	0	10	0	5	0	0	0	B	
		Vidyapeeta Main Road	30	5	39	3	8	0	1	0	0	0	B	
		50 Feet Road	10	5	10	1	2	0	1	0	0	0	B	
119	Dharmaraya swamy temple	12th Cross	0	0	10	0	0	0	0	0	0	0	C	
		E Street	0	0	18	1	4	0	4	0	0	0	C	
		Tipu Sultan Palace Road	0	0	18	1	0	0	8	0	0	0	C	
		13th Cross	0	0	24	0	0	0	0	0	0	0	C	
		14th Cross	0	0	16	0	0	0	0	0	0	0	C	
		Anjaneya Gudi Veedi	0	0	59	0	0	0	0	0	0	0	0	C

		Dresser Rajappa Lane	0	0	25	0	0	0	0	0	0	0	C
		3rd Main Road	0	0	0	0	0	0	0	0	0	5	C
		NKP Layout 3rd Cross Road	5	0	10	0	0	0	0	0	0	14	C
		1st Main Road	5	0	8	1	0	0	0	0	0	21	C
		NKP Layout 1st Cross Road	5	0	26	1	0	0	0	0	0	14	C
		NKP Layout 2nd Cross Road	10	0	18	1	0	0	0	0	0	24	C
		KM Naganna Road	0	0	45	0	0	0	0	0	0	0	C
		M Naganna Road	0	0	108	1	0	0	0	0	0	0	C
		2nd Main Road	5	0	8	1	0	0	0	0	0	12	C
		NKP layout 5th Cross	0	0	0	0	0	0	0	0	0	14	C
		NKP layout 4th Cross	5	10	0	0	0	0	0	0	0	9	C
		NR Road, 3rd Cross	0	0	76	2	0	0	0	0	0	0	C
142	Sunkenahalli	16th Cross, KR Nagar Main Road	10	10	50	2	8	0	0	0	0	0	C
		10th Crs Lakshmi Sagar Lyt	0	0	60	3	0	0	0	0	0	0	B
		Govindappa Road	5	5	42	2	0	0	0	0	0	0	B
		DVG Road	5	5	70	5	0	0	0	0	0	0	B
		Bagappa Road	0	0	0	0	4	0	1	0	0	0	C
143	Vishweshawara puram	Shankarmatt Road	10	10	50	2	11	0	0	0	0	0	C
		PMK Road	25	30	170	6	23	0	1	0	0	0	B
		Vani Vilas Road	5	5	45	2	6	0	0	0	0	0	B
		VASAVI TEMPLE STREET	15	10	80	4	8	0	0	0	0	0	B

		KANAKAPURA ROAD	10	5	45	1	11	0	0	0	0	0	B
		SAJJAN RAO ROAD	20	20	70	4	4	0	0	0	0	0	B
		DIAGONAL ROAD	15	10	35	1	4	0	0	0	0	0	B
		SAJJANRAO CIRCLE	5	5	15	1	0	4	2	0	0	0	B
153	Jayanagar	PATTALAMMA ROAD	5	5	55	4	11	0	0	0	0	0	B
		100 FEET ROAD	10	10	35	2	10	5	4	0	0	0	B
		NITTURU SRINIVAS ROAD	5	5	35	3	0	0	1	0	0	0	B
		5TH CROSS ROAD	0	0	15	1	6	0	0	0	0	0	B
		6TH CROSS ROAD	5	5	15	1	0	0	0	0	0	0	B
		4TH & 9TH MAIN ROAD	15	15	75	3	8	0	2	0	0	0	B
		MOSQUE ROAD	5	5	30	2	9	0	0	0	0	0	B
154	Basavanagudi	DVG ROAD	30	30	155	9	0	0	2	0	0	0	B
		SUBRAMA CHETTY ROAD	20	15	60	2	8	4	1	5	0	0	B
		Police Station Road	5	5	0	0	6	0	1	0	0	0	B
		Nitturu Srinivasa road (South End road)	10	5	55	3	8	0	0	0	0	0	B
		C T Bed road	0	0	40	2	4	0	1	0	0	0	C
		CT Road, Om Shakti Lyt Crs Rd	10	10	98	3	0	0	0	0	0	0	C
165	Ganesh Mandir ward	24TH CROSS, BANASHANKARI 2ND STAGE	15	15	60	2	8	0	1	0	0	0	B
		21ST MAIN ROAD, BANASHANKARI 2ND STAGE	10	5	30	2	7	0	1	0	0	0	B
166	Karisandra	2ND MAIN ROAD, 7TH BLOCK	5	5	20	1	0	0	0	0	0	0	C

		FOR 13th Cross Road	10	10	35	2	0	0	1	0	0	0	C
		4th Cross Road 7th Block	10	10	15	0	0	0	1	0	0	0	B
167	Yediyur	14th Cross 2nd Block	10	5	100	4	0	0	1	0	0	0	C
		NITTURU SRINIVASA ROAD	20	15	65	5	10	0	2	0	0	1	B
		8TH MAIN ROAD	5	5	30	3	0	0	0	0	0	0	B
		PATTALAMMA ROAD	5	5	25	1	0	0	0	0	0	0	B
		17TH CROSS	5	5	40	2	0	0	0	0	0	0	B
168	Pattabhiram nagar	7TH A MAIN ROAD	0	0	13	1	5	0	0	0	0	0	A
		7TH MAIN ROAD	0	0	30	0	4	0	0	0	0	0	A
		8TH B MAIN ROAD	0	0	25	0	4	5	0	0	0	0	A
		33RD CROSS ROAD, 4TH BLOCK, JAYANAGAR	0	0	85	4	10	0	0	0	0	0	B
		33RD CROSS ROAD, 4TH BLOCK, JAYANAGAR	5	5	62	3	6	0	0	0	0	0	B
		11TH MAIN, 4TH BLOCK, JAYANAGAR	5	5	51	2	0	0	1	0	0	0	B
		32ND CROSS, 4TH BLOCK, JAYANAGAR	0	10	18	1	0	0	2	0	0	0	B
		27th Cross, 4th Block	10	0	69	3	12	0	1	0	0	0	A
		10TH MAIN, 4th Block	30	0	135	0	35	0	0	0	0	0	B
		7TH MAIN ROAD, 4th Block, JAYANAGAR	0	0	23	1	0	0	0	0	0	0	B
		36th Cross, 5th Block, Jayanagar	5	5	26	2	0	0	0	0	0	0	B
36th Cross, 5th Block, Jayanagar	15	10	53	1	8	5	1	0	0	0	B		

		DIAGONAL ROAD,4th BLOCK, JAYANAGAR	20	5	36	2	18	0	0	0	0	0	A
169	Byrasandra	12TH MAIN ROAD	0	0	18	1	0	0	0	0	0	0	A
		AUROBINDO MARG	0	0	16	2	6	0	0	0	0	0	A
		11TH MAIN, 4TH BLOCK, JAYANAGAR	10	10	28	1	0	0	0	0	0	0	A
		11TH MAIN, 4TH BLOCK, JAYANAGAR	0	0	0	0	14	0	0	0	0	0	A
		27TH CROSS, 4TH BLOCK, JAYANAGAR	5	5	60	2	21	0	2	0	0	0	A
		28TH CROSS, 4TH BLOCK, JAYANAGAR	0	0	30	2	0	0	0	0	0	0	A
		28ATH CROSS, 4TH BLOCK, JAYANAGAR	5	0	30	2	0	0	0	0	0	0	A
		29TH CROSS, 4TH BLOCK, JAYANAGAR	0	0	30	2	0	0	0	0	0	0	A
		29TH A CROSS, 4TH BLOCK, JAYANAGAR	5	0	30	2	0	0	0	0	0	0	A
		9TH MAIN ROAD, 4TH BLOCK, JAYANAGAR	5	10	0	0	0	0	3	0	0	0	A
		30TH CROSS, BDA, JAYANAGAR	30	10	123	5	8	0	0	0	0	0	B
179	Shakambari nagar	9TH MAIN ROAD	10	10	50	2	4	0	0	0	0	0	B
		24TH MAIN ROAD	0	0	20	1	4	0	0	0	0	0	C
		2nd Main Road 7th Block	15	5	15	1	0	0	2	0	0	0	B
		40th Cross Road	10	0	50	3	8	0	2	0	0	0	B
		Marenahalli Road	100	75	0	0	0	0	0	0	0	0	B

181	Kumaraswamy layout	SUBRAMANYAPURA ROAD	10	10	45	3	4	0	0	0	0	0	C
		ISRO LAYOUT ROAD	5	5	55	2	0	3	2	0	0	0	C
		71st Cross Road	10	10	30	1	0	0	0	0	0	0	C
		JHBCS Layout 2nd Main Road	10	10	20	1	0	0	1	0	0	0	C
		14th Main Road	10	10	160	8	0	0	0	0	0	0	B
		Subramanyapura road	20	15	120	6	0	0	0	0	0	0	C
		Bikasipura Main Road (ISRO Layout)	10	10	18	1	0	0	0	0	0	0	C
		91st Main Road	0	0	53	3	0	0	0	0	0	0	C
		18th Main Road	0	0	40	2	0	0	0	0	0	0	C
182	Padmanabha nagar	7th Main Road	10	5	50	3	0	0	1	0	0	0	C
		Uttarahalli Main Road	20	20	80	3	6	3	1	0	0	0	B
142 & 154		Bull Temple Road	25	20	70	6	24	5	2	0	0	0	B
		NAT ROAD	0	0	15	0	4	0	0	0	0	0	B
		10TH MAIN ROAD	15	15	123	6	35	0	0	0	0	0	B
166 & 167		Krishna Rajendra Road	15	15	170	5	24	0	1	0	0	0	B
168 & 179		38th Cross, 5th Block, Jayanagar	5	5	51	2	0	0	0	0	0	0	B
118	Sudham Nagara	4th cross road	10	5	95	4	8	0	4	0	0	0	B
		Lalbagh fort road	20	10	38	1	10	0	2	0	0	5	B
		Malavalli Tank Bund road	10	5	36	2	6	0	0	7	0	1	C
144	Siddhapur	3rd cross road	0	0	18	1	0	5	0	0	0	0	C

		4th cross road	0	0	23	1	0	0	0	0	0	0	C	
		Dr. Narayanappa road	20	10	0	0	1	3	0	0	0	0	B	
145	Shanti Nagar	Siddaiah road	20	5	89	2	0	0	0	0	0	0	B	
		3rd cross road Sudhama nagar	0	0	0	0	0	0	0	0	0	0	4	C
		2nd cross road	0	0	0	0	0	0	0	0	0	0	4	B
		2nd Main road	0	0	0	0	0	0	0	0	0	0	6	B
		8th cross road Sudhama nagar	0	0	0	0	0	0	0	0	0	0	4	C
		9th cross road	0	0	0	0	0	0	0	0	0	0	3	C
		10th Cross road	0	0	45	0	4	0	0	0	0	0	0	B
		11th Cross Road	5	0	13	1	5	0	0	0	0	0	0	B
		11th main road	0	0	13	1	0	0	0	0	0	0	0	B
		12th Cross Road	0	0	20	0	4	0	0	0	0	0	0	B
		2nd cross road	0	0	18	1	0	5	0	0	0	0	0	B
		3rd cross road	0	0	13	1	0	0	0	0	0	0	0	B
		4th cross road	0	0	56	2	0	0	0	0	0	0	0	B
		5th cross road	10	0	13	1	4	0	1	0	0	0	0	B
		6th Cross Road	0	0	15	0	3	0	0	0	0	0	0	B
		7th Cross Road	0	0	16	2	0	0	0	0	0	0	0	B
		8th Cross Road	25	15	81	2	0	5	4	0	0	0	0	B
		BTS Main Road	50	25	181	2	7	9	0	0	0	0	0	A
		H.Siddaiaha Road	0	0	0	0	0	7	0	0	0	0	0	B
		9th main road Wilson garden	0	0	10	0	4	0	0	26	0	0	0	B
147	Adu godi	1st B main road	0	0	18	1	0	6	0	0	0	0	B	

		1st Main road	5	0	20	1	8	0	0	0	0	0	B
		Adugodi main road	25	15	59	0	0	0	0	0	0	0	B
		Someshwara Temple road	10	0	51	2	4	4	0	0	0	0	B
148	Ejipura	80 feet road/Srinivagilu main road	0	0	0	0	0	7	0	0	0	0	B
151	Kormangala	Ganapati temple road kormangala	45	15	0	0	0	0	6	0	0	0	A
		17th D Main road	0	0	28	1	4	4	0	0	0	0	B
		1st cross road Kormangala	55	25	139	7	15	9	0	0	0	0	A
		6th Cross road	5	5	62	4	0	4	0	0	0	0	B
		80 feet road	130	30	118	6	22	0	0	0	0	0	A
		8th main road-kormangala	30	30	0	0	0	0	0	0	0	0	A
		Madiwala Market road	30	15	72	4	8	0	0	0	0	8	B
152	Sudaguntepalya	Sarjapura road- Service road	20	5	54	2	9	11	4	0	0	0	B
		8th cross road	30	15	134	8	26	0	0	0	0	0	C
		Christ Ln	20	10	46	3	11	0	0	0	0	0	C
		Maruthi nagar main road	10	5	36	2	4	4	0	0	0	0	B
		N cross road	10	5	10	1	0	7	0	0	0	0	C
170	Jayanagar East	Tavarekere main road 1	15	15	59	0	0	3	0	0	0	0	B
		39th cross road	20	10	64	6	16	0	0	0	0	0	B
		41st cross road- 9th block jaynagar	20	10	43	1	3	3	0	0	0	0	C
171	Gurappanapalya	East End main road	40	20	102	4	10	4	3	0	0	4	B
		4th main Road	0	0	0	0	0	0	0	0	0	7	C

		Tank Bund Road	30	15	0	0	0	0	0	0	0	0	C
172	Madiwala	29th main road- jaibheem nagar 1st stage	5	5	0	0	0	6	0	0	0	0	C
		2nd cross road- jaibheem nagar 1st stage	0	0	20	0	0	0	0	0	0	0	C
		2nd Main road	0	0	0	0	0	0	2	0	0	0	C
		Chocolate factory road	10	5	18	1	0	5	0	0	0	0	C
		Tavarekere main road 2	0	0	0	0	0	3	0	0	0	0	B
173	Jakkasandra	Venkatapura main road	10	5	0	0	0	0	0	0	0	C	
176	BTM layout	16th main -BTM layout	10	0	0	0	0	0	0	0	0	0	B
		17th main - BTM layout 2nd stage	10	5	25	0	0	0	0	0	0	0	B
		1st main road BTM layout 2nd stage	5	5	0	0	0	0	0	0	0	0	C
		7th cross - BTM layout 2nd stage	20	10	131	1	0	4	0	0	0	0	C
177	JP nagar	23rd main- J.P. nagar 2nd stage	10	5	36	2	4	7	0	0	0	0	C
		28th main road	20	0	133	1	8	0	0	0	0	0	B
		7th cross- J.P. nagar 2nd stage	10	5	0	0	7	0	0	0	0	0	B
		8th cross- J.P. nagar 2nd stage	0	0	51	2	0	0	0	0	0	0	B
		1st cross road	0	0	3	5	0	0	0	0	0	0	B
178	Sarakki	9th cross road, 1st phase J P nagar	100	65	130	2	23	0	0	0	0	0	B
		Sri siddi vinayak swamy temple road	10	6	0	0	0	0	0	0	0	0	C

Total	2462	1428	8099	312	870	186	139	41	6	171
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4.3 Other Proposals – Zone Level

Other than parking allocation, to promote non-Motorized transport, DULT has also prepared a cycling network plan for South zone. Below is the map showing proposed cycle network in the zone of South. The detailing of the cycle network plan will be shared subsequently.

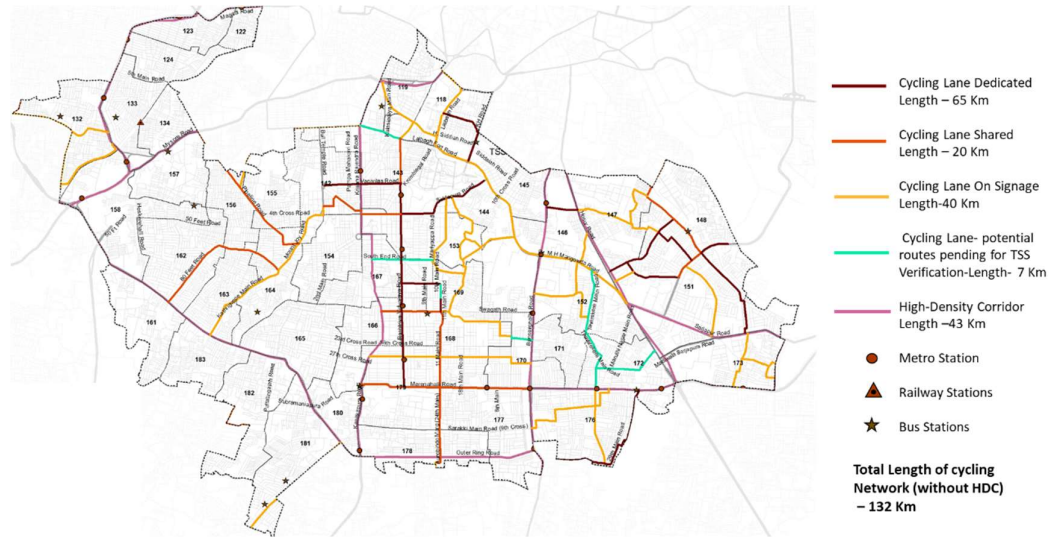


Figure 6: Map showing proposed cycle track/lane network in South Zone

Below table represents few of the roads on which both dedicated cycle track (physically segregated) and parking are provisioned.

Sl no	Road Name
1	Kanakapura road
3	Mysore road
4	RV Road

Below table represents few of the roads on which both shared cycle track (either with footpath or on road) and parking are provisioned.

Sl no	Road Name
1	Kathriguppe road
2	Lalbagh road
3	Siddiah road

4.4 Prototype of parking signage adopted in Designs

	12	11	10	9	8	7	6	5	4	3	2	1																																							
H	<p>FOUR WHEELER PARKING P1</p>																																																		
G	<p>TWO WHEELER PARKING P2</p>																																																		
F	<p>PARKING (PWD) P3</p>																																																		
E	<p>PICK-UP AND DROP-OFF P4</p>																																																		
D	<p>SCHOOL BUS PICK-UP AND DROP-OFF P5</p>																																																		
C	<p>LOADING/ UNLOADING ZONE P6 / P17</p>																																																		
B	<p>AUTO STAND P7</p>																																																		
A	<p>SMMS PARKING P8</p>																																																		
	<p>TRIN TRIN HUB P9</p>																																																		
	<p>NOTES:</p> <ol style="list-style-type: none"> 1. THE PARKING SIGNS SHOULD BE INSTALLED AS PER THE PARKING SIGNAGE MANUAL SHARED BY DULT. 2. THESE DRAWINGS TO BE USED ONLY FOR PROVISION OF AREA PARKING PLAN ASSOCIATED INFRASTRUCTURE. 3. ANY OTHER MANDATORY, WARNING AND INFORMATION SIGNAGE SIGNS WHICH ARE REQUIRED AS PART OF ROAD SAFETY SHALL BE EXECUTED. <p>PURPOSE OF SCALE: PARKING ARRANGEMENT PLAN</p> <p>THIS DRAWING IS THE PROPERTY OF DULT AND SHALL NOT BE COPIED OR USED WITHOUT WRITTEN PERMISSION. PROVIDING QUALITY CONTROL AND QUALITY ASSURANCE, WHICH INCLUDES QUALITY OF MATERIALS USED AND WORKMANSHIP PROVIDED ALONG WITH SUPERVISION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND THE PROFESSIONALS INVOLVED FOR SUPERVISION OF CONSTRUCTION WORK BEFORE, DURING AND AFTER EXECUTION OF SUCH CONSTRUCTION WORK.</p> <p>THIS DOCUMENT HAS BEEN PREPARED PURSUANT TO AND SUBJECT TO THE TERMS OF DULT BY ITS CLIENT. DULT ACCEPTS NO LIABILITY FOR ANY USE OF THIS DOCUMENT OTHER THAN BY ITS ORIGINAL CLIENT OR FOLLOWING DULT'S EXPRESS AGREEMENT TO SUCH USE OR ONLY FOR THE PURPOSES FOR WHICH IT WAS PREPARED AND PROVIDED.</p> <p>SUBMITTED TO: BRUHAT BENDALURU MAHANAGARA PALIKE</p>																																																		
	<table border="1"> <tr> <td rowspan="2"> <p>AUTHORITY: Directorate of Urban Land Transport Urban Development Dept. Government of Karnataka BMTC, TMC, 3F Block, 4th Floor, Shantilingar, K. H Road, Bangalore - 560027 Tel: 080-22226427, Fax: 080-22226436 Email: dult@karnataka.gov.in www.dult.gov.in</p> </td> <td>PROJECT TITLE:</td> <td>DRAWING TITLE:</td> <td>REVISION DETAILS:</td> <td>DATE:</td> <td>REV. NO.:</td> <td>DRAWING NUMBER:</td> <td>REVISION:</td> <td>DATE:</td> <td>SHEET NUMBER:</td> </tr> <tr> <td>AREA PARKING PLAN SOUTH ZONE</td> <td>TYPICAL PARKING SIGNS</td> <td></td> <td></td> <td></td> <td>TPE/APP/SZ/01/2021/PAP/TPS/01</td> <td>RO</td> <td>AUG 2022</td> <td>SHT 01 OF 01</td> </tr> <tr> <td>SCALE: N.T.S.</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>DESIGNED:</td> <td>DRAWN:</td> <td>CHECKED:</td> <td>SK</td> </tr> <tr> <td>SHEET A3</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td colspan="4">ISSUED ON BEHALF OF DIRECTORATE OF URBAN LAND TRANSPORT</td> </tr> </table>												<p>AUTHORITY: Directorate of Urban Land Transport Urban Development Dept. Government of Karnataka BMTC, TMC, 3F Block, 4th Floor, Shantilingar, K. H Road, Bangalore - 560027 Tel: 080-22226427, Fax: 080-22226436 Email: dult@karnataka.gov.in www.dult.gov.in</p>	PROJECT TITLE:	DRAWING TITLE:	REVISION DETAILS:	DATE:	REV. NO.:	DRAWING NUMBER:	REVISION:	DATE:	SHEET NUMBER:	AREA PARKING PLAN SOUTH ZONE	TYPICAL PARKING SIGNS				TPE/APP/SZ/01/2021/PAP/TPS/01	RO	AUG 2022	SHT 01 OF 01	SCALE: N.T.S.						DESIGNED:	DRAWN:	CHECKED:	SK	SHEET A3						ISSUED ON BEHALF OF DIRECTORATE OF URBAN LAND TRANSPORT			
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SCALE: N.T.S.						DESIGNED:	DRAWN:	CHECKED:	SK																																										
SHEET A3						ISSUED ON BEHALF OF DIRECTORATE OF URBAN LAND TRANSPORT																																													



4.5 Detailed Designs Road wise

Annexure 1 – Ward Details

Ward 122 – Kempapura Agrahara

Demographic Details

The Kempapura Agrahara ward with an area of 0.36 sq km consists of 33736 population (as per 2011 census) with a density of 93711 Persons per Sq.km.

Existing Land use

One of the major land uses in this ward is Residential with commercial activities concentrated along the Magadi Main road and Sangoli Rayanna Road.

Transport Network

The major roads in the wards include the Magadi Main Road and Sangoli Rayanna Road, and 1st Main Road.

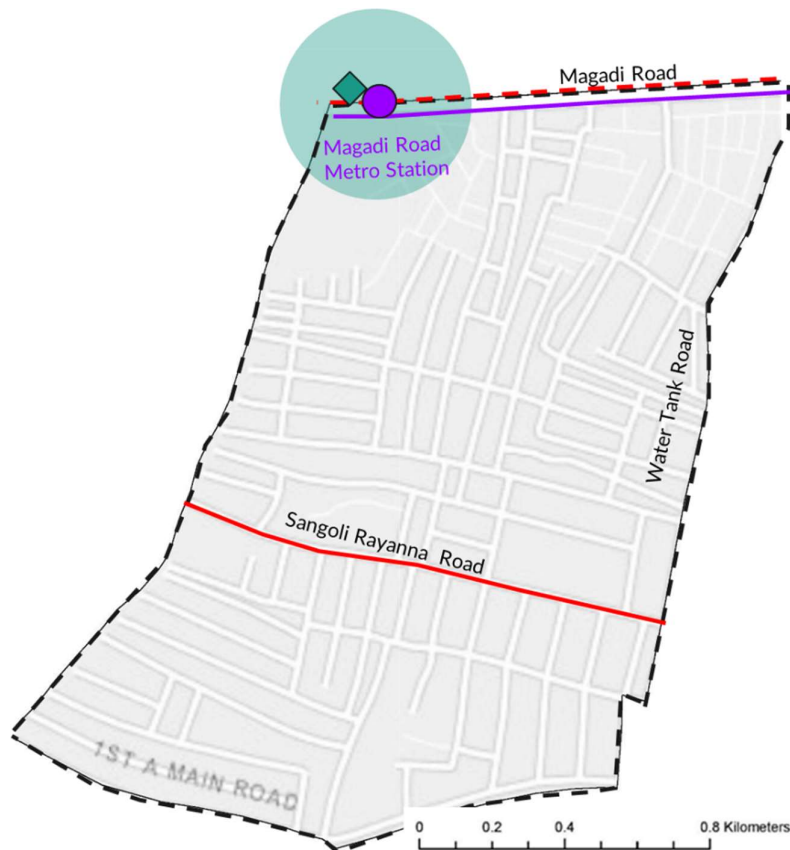


Figure 7: Map showing major roads and attraction points of Kempapura Agrahara ward

Parking allocation

Directorate of Urban Land Transport

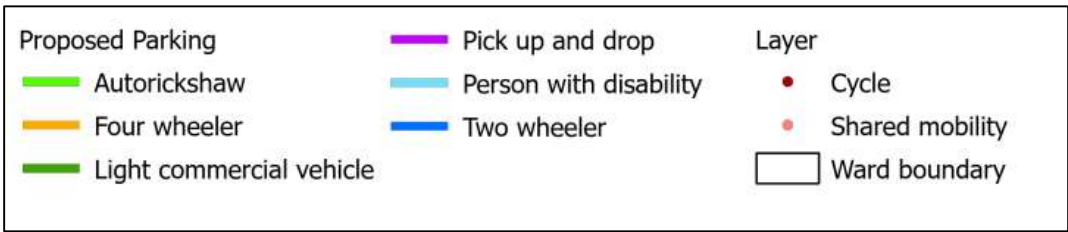


Figure 8: Parking Allocation Map of Kempegowda ward

Ward 123 – Vijayanagar Ward

Demographic Details

Vijayanagar ward with an area of 0.73 sq km hosts a population of 36077 with a density of 49420.5 persons per Sq.km.

Existing Land use

One of the major land uses is Residential with commercial and mixed land use observed along arterial and sub arterial roads.

Transport Network

The major road in this ward includes the Magadi Main Road as well as the West of Chord Road.

Sri Adichunchanagiri Mutt, the food street, Banashankari Amma Temple are some of the major trip a

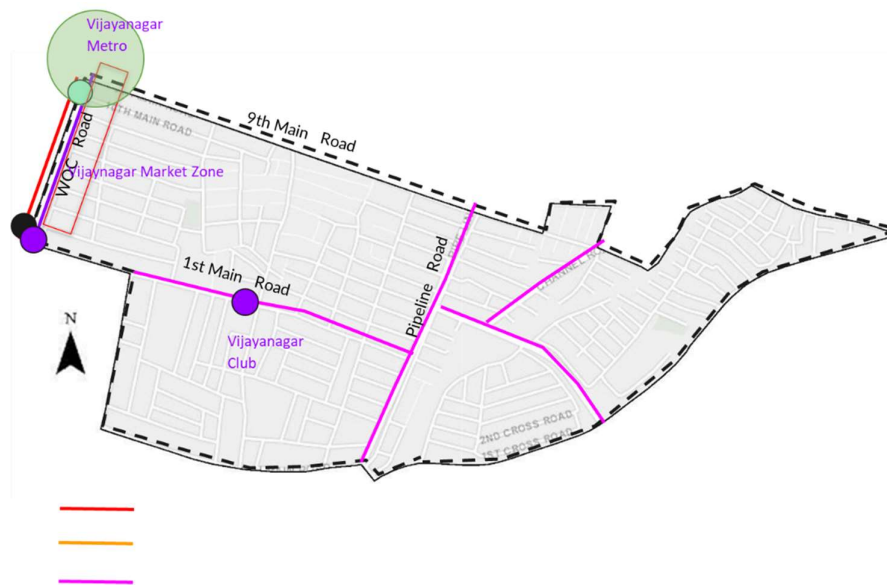


Figure 9: Map showing major roads and attraction points of Chowdeshwari ward

Parking allocation

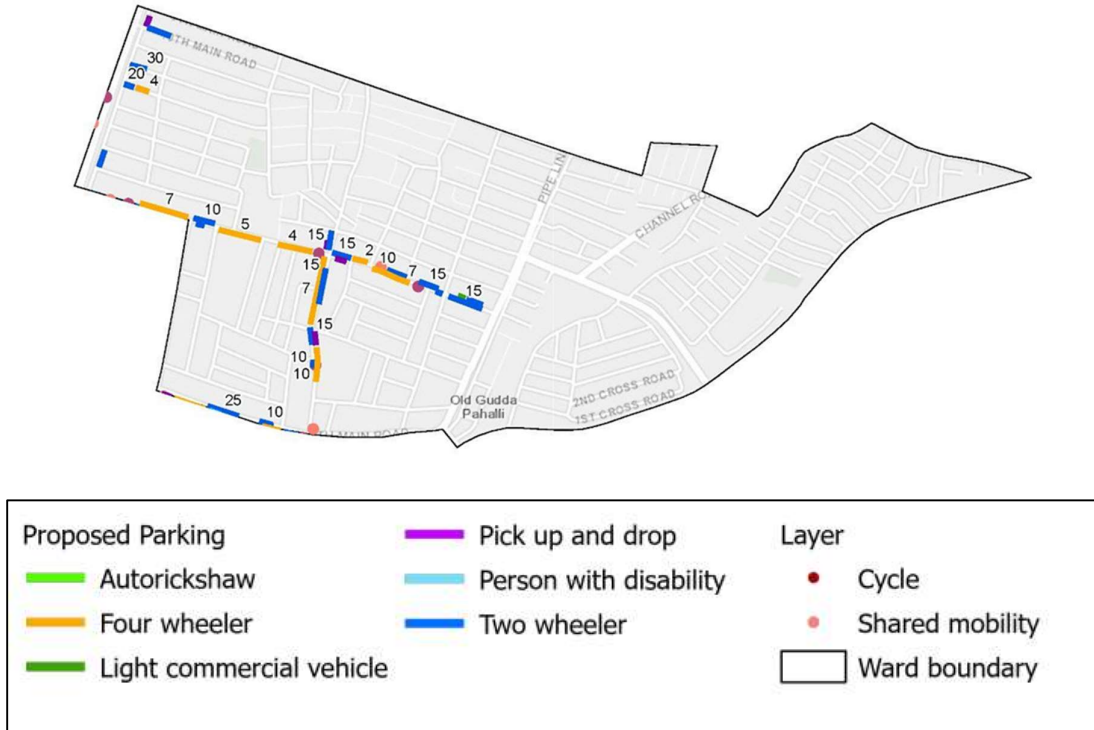


Figure 10: Parking Allocation Map of Chowdeshwari ward

Ward 132 – Attiguppe

Demographic Details

Attiguppe ward with an area of 1.39 sq km has a population of 26806 with a density of 19284 persons per Sq.km.

Existing Land use

Residential and Public semipublic are the major land uses in this ward. Along with these, commercial land use is prevalent among the major roads. A small part of industrial area also exists.

Transport Network

The major roads in the ward include the West of Chord, Chandra Layout Road, 80 Feet Road, Gangodnahalli Main Road, etc.

Some of the major attraction points in the ward are Vijayanagar TTMC, Bunt Sangha, Chandra Layout Depot, Gurushree Hospital, etc

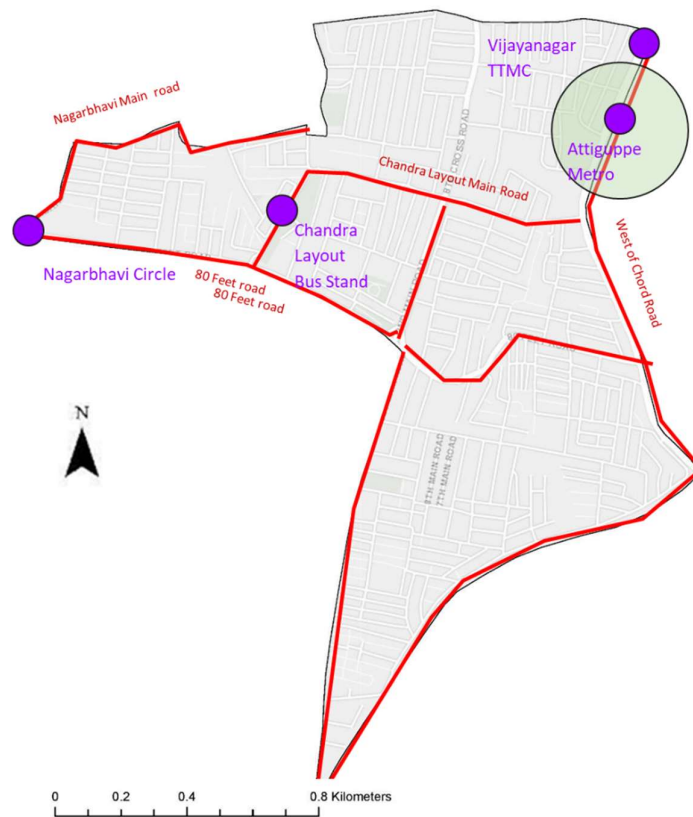


Figure 11: Map showing major roads and attraction points of Attiguppe ward



Parking allocation



Proposed Parking	Pick up and drop	Layer
Autorickshaw	Person with disability	Cycle
Four wheeler	Two wheeler	Shared mobility
Light commercial vehicle		Ward boundary

Figure 12: Parking Allocation Map of Attiguppe ward

Ward 133 – Hampinagar

Demographic Details

Hampinagar ward with an area of 1.11 sq.km has a population of 30355 with a density of 27346 persons per Sq.km.

Existing Land use

The major land uses in this ward are Residential, with sparse Institutional, and commercial uses.

Transportation network

The major roads in this ward include 1st Main Road, West of Chord Road, Hampi nagar Main Road, etc.

The major landmarks in the ward include Vijayanagar TTMC, Reliance, Ganesh Temple, Hampinagar Street, etc

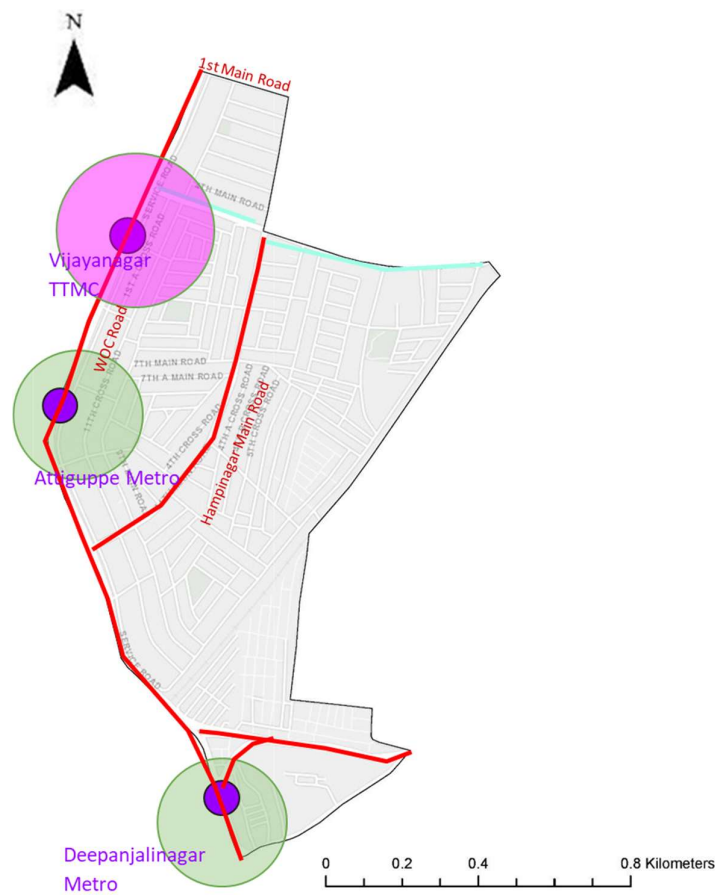


Figure 13: Map showing major roads and attraction points of Hampinagar ward

Parking allocation

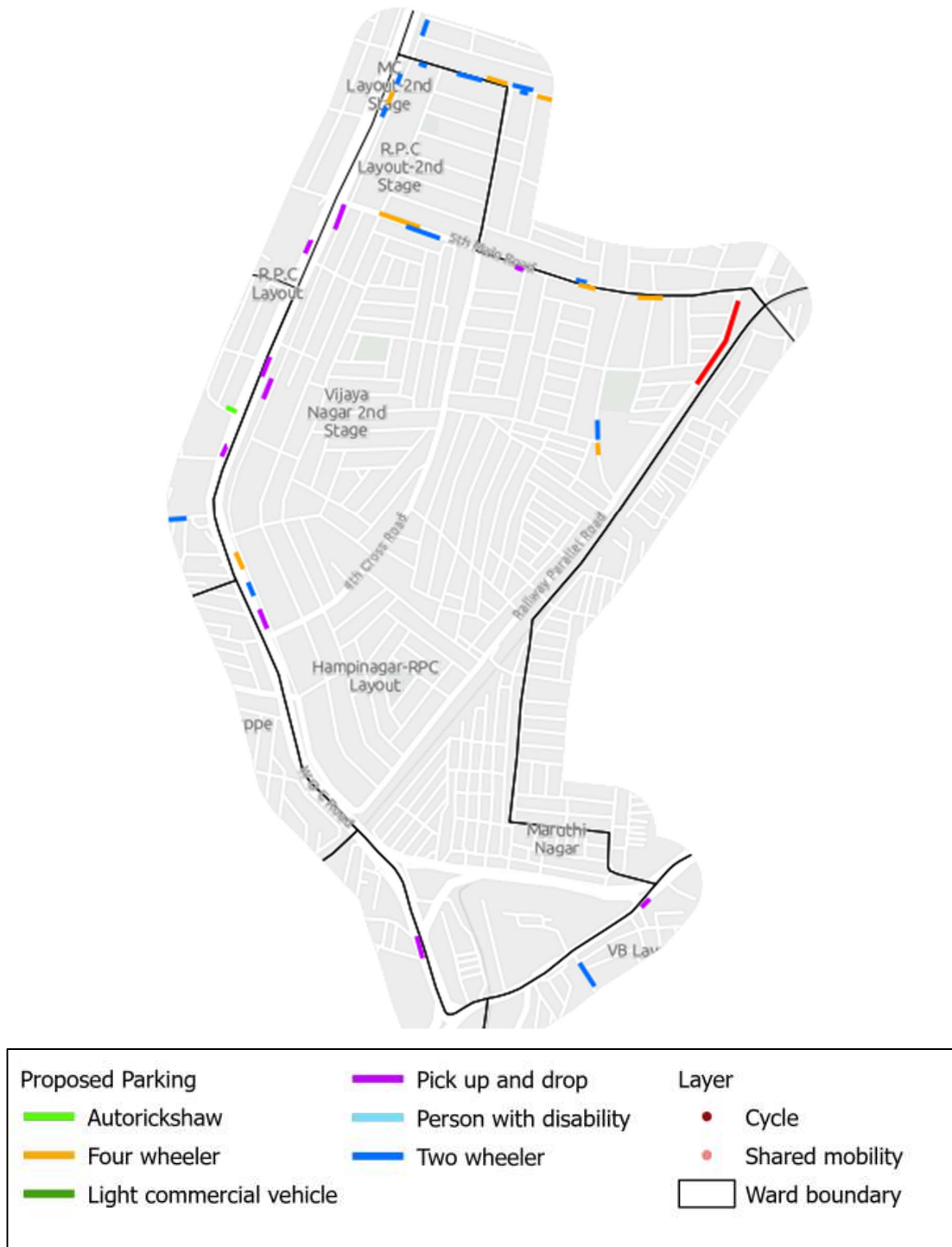


Figure 14: Parking Allocation Map of Hampinagar ward

Ward 134 – Bapuji Nagar Ward

Demographic Details

Bapuji Nagar ward with an area of 0.68 sq.km has a population of 36234 with a density of 53285 persons per Sq.km.

Existing Land use

The major land uses in this ward is residential with few large industrial parcels along the Mysore road.

Transportation & Bus route network

The major road network in this ward includes Krishnadevaraya Road , Pipeline Road, Mysore road, etc.

The major landmarks in the ward include Satellite bus terminal and the Gali Anjaneya temple located on Mysore road. Few major industries abutting Mysore road include the Karnataka Vidyuth Karkhane Limited, AMCO Battery Private Limited, etc.

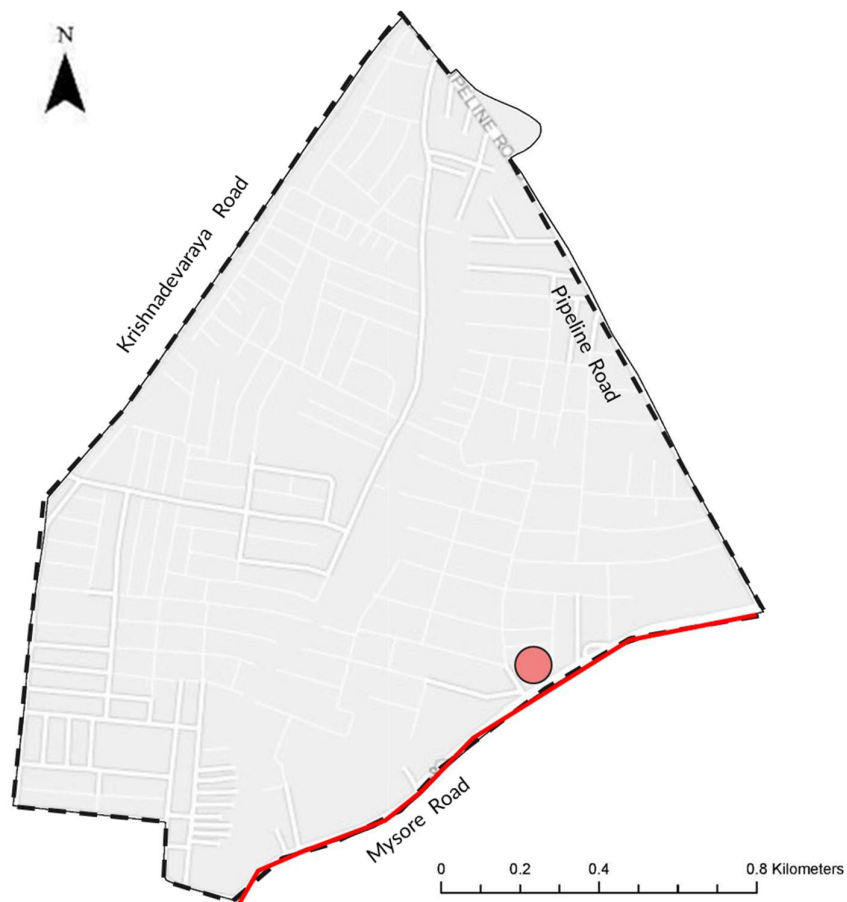


Figure 15: Map showing major roads and attraction points of Bapuji Nagar ward

Parking allocation

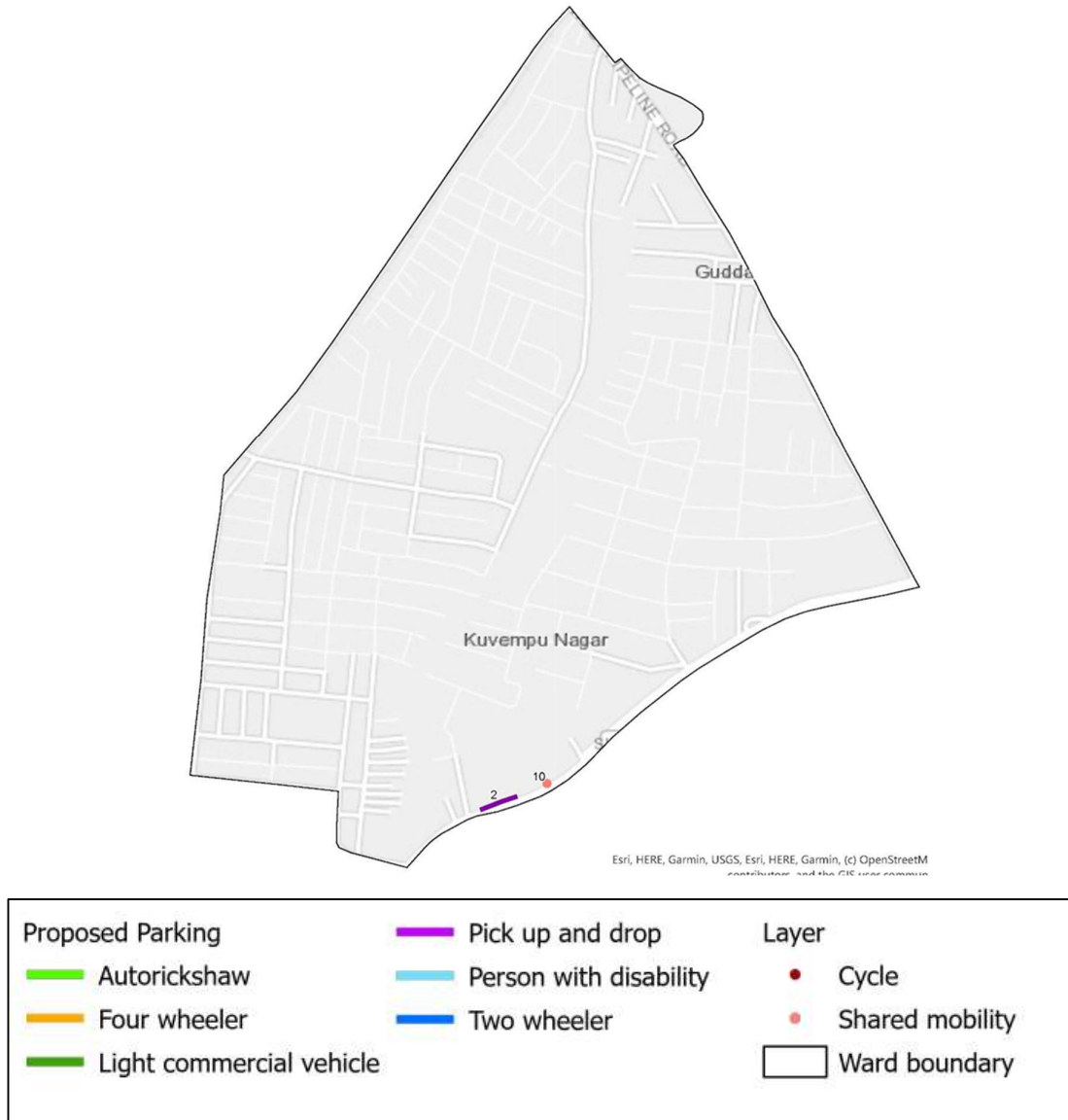


Figure 16: Parking Allocation Map of Bapuji Nagar ward

Ward 155 – Hanumanth Nagar ward

Demographic Details

Hanumanth Nagar ward with an area of 0.99 sq.km has a population of 35065 with a density of 35419 persons per Sq.km.

Existing Land use

The major land uses in this ward are residential. The commercial land use is very limited. There are small pockets of public semipublic.

Transportation network

The major roads in this ward include 50 Feet Main Road, Pipeline Road, Laksh mipura Main Road, Ramanjaneya Road, Sameerapura Main Road

The major landmarks in this ward are Ramanjaneya Gudda Temple, Kempambudhi Kere Lake, Jinke Park.

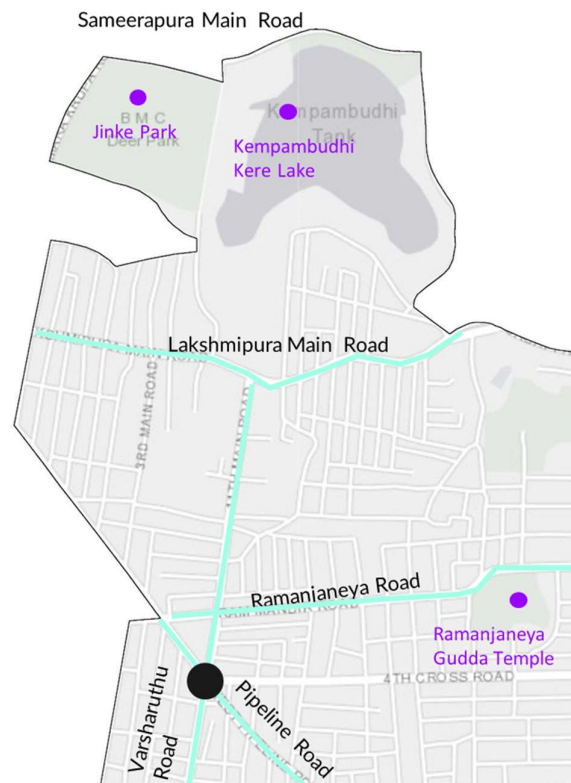


Figure 17: Map showing major roads and attraction points of Hanumanatha Nagar ward

Parking allocation

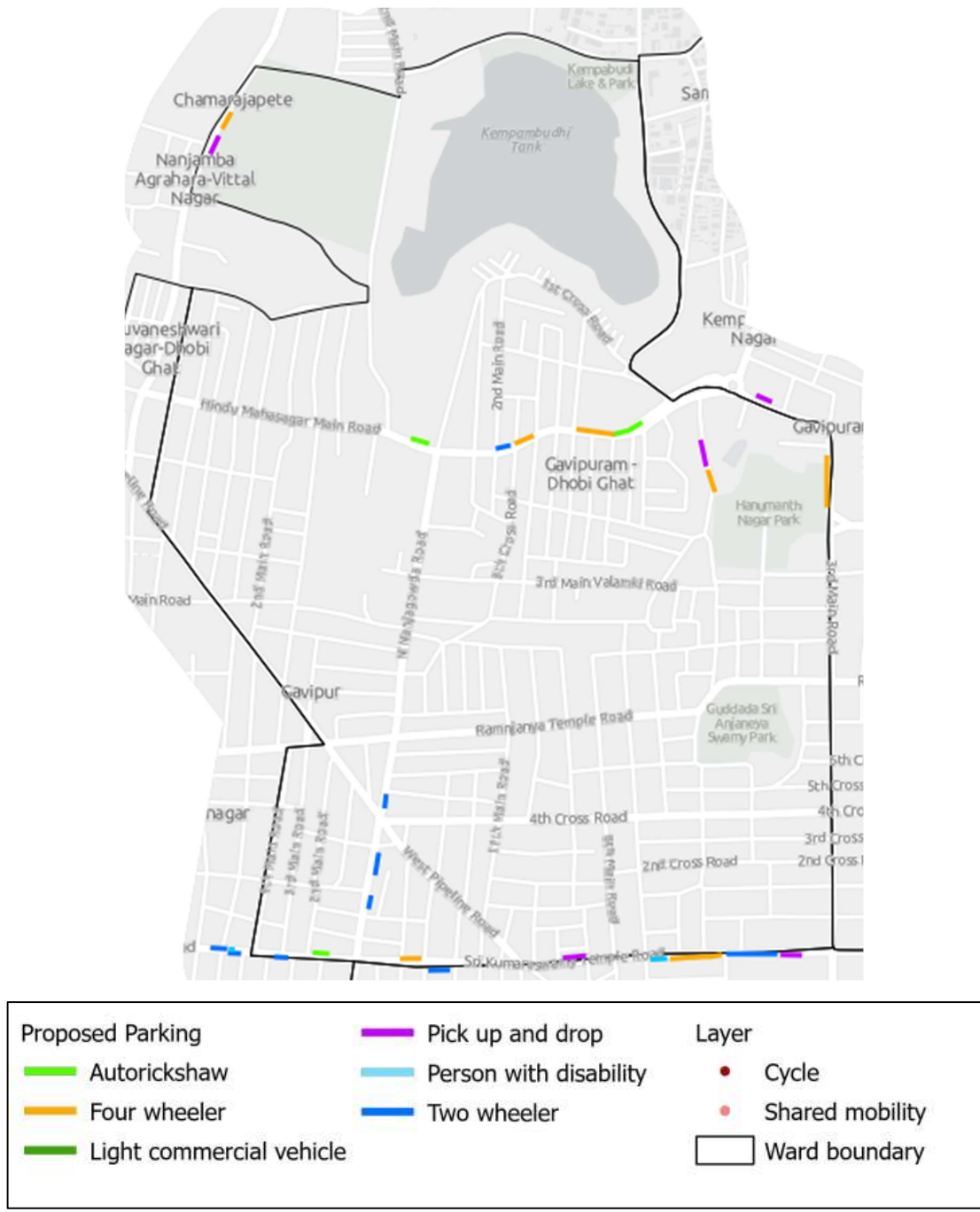


Figure 18: Parking Allocation Map of Hanumanatha Nagar ward

Ward 156– Srinagar ward

Demographic Details

Srinagar ward with an area of 0.8 sq.km has a population of 36045 with a density of 45056 persons per Sq.km.

Existing Land use

The ward is dominated by high dense compact houses. Sparse commercial landuses are observed on Ramanjaneya Road and 50 Feet Road.

Transportation network

The major roads in this ward include 50 Feet Main Road, 80 Feet Road, Pipe Line Road, Ramanjaneya Road.

The major landmarks in this ward are People Tree Hospital, PES College, Srinagar Hospital.

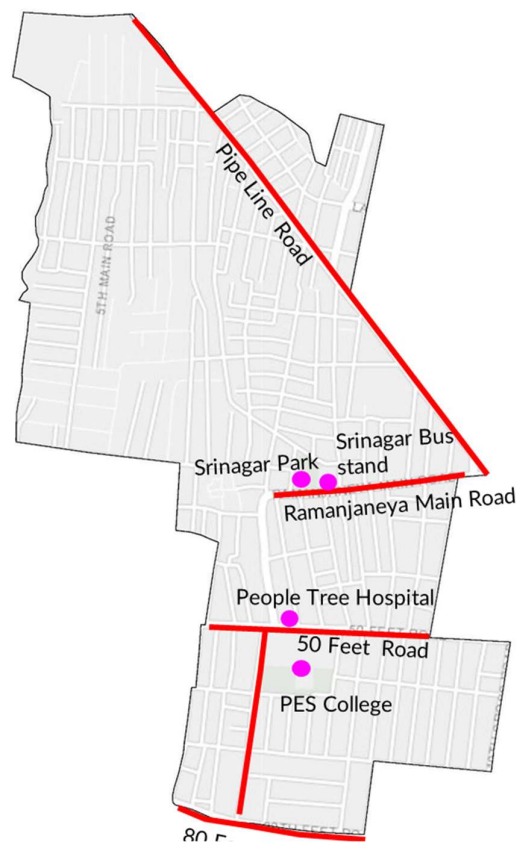


Figure 19: Map showing the major road and attraction points in Srinagar ward

Parking allocation

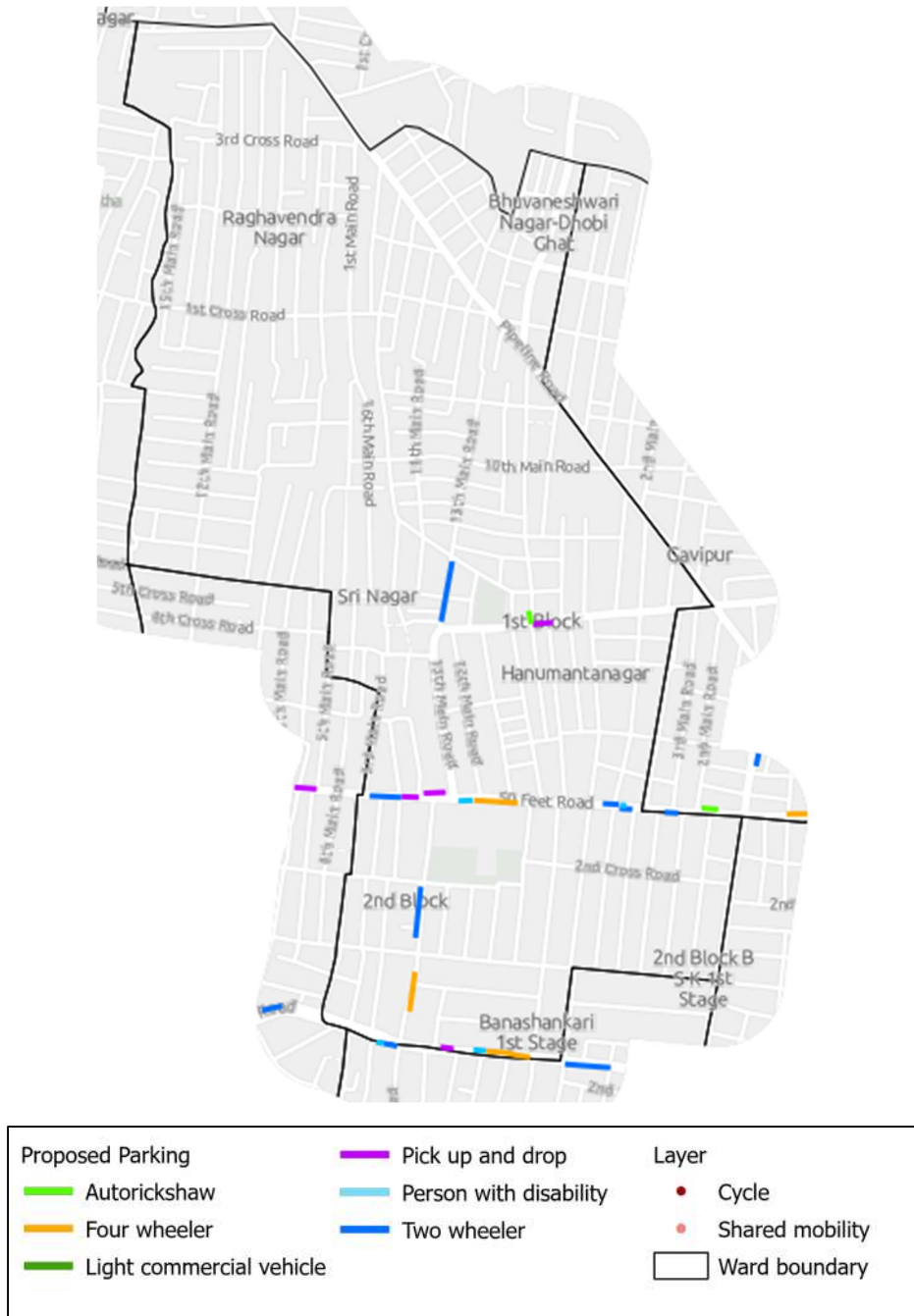


Figure 20: Parking Allocation Map of Srinagar ward

Ward 157 – Gali Anajenaya Temple Ward

Demographic Details

Gali Anajenaya Temple Ward with an area of 0.68 sq.km has a population of 36234 with a density of 53285 persons per Sq.km.

Existing Land use

Predominantly Industrial in use, the Gali Anajenaya ward has large timber and glass related industrial Godowns and wholesale outlets.

Transportation network

The major roads in this ward include Mysore Road and Pipeline Road.

The major landmarks in this ward are Mysore Satellite Bus Terminal, Galianjeyna Temple, etc.

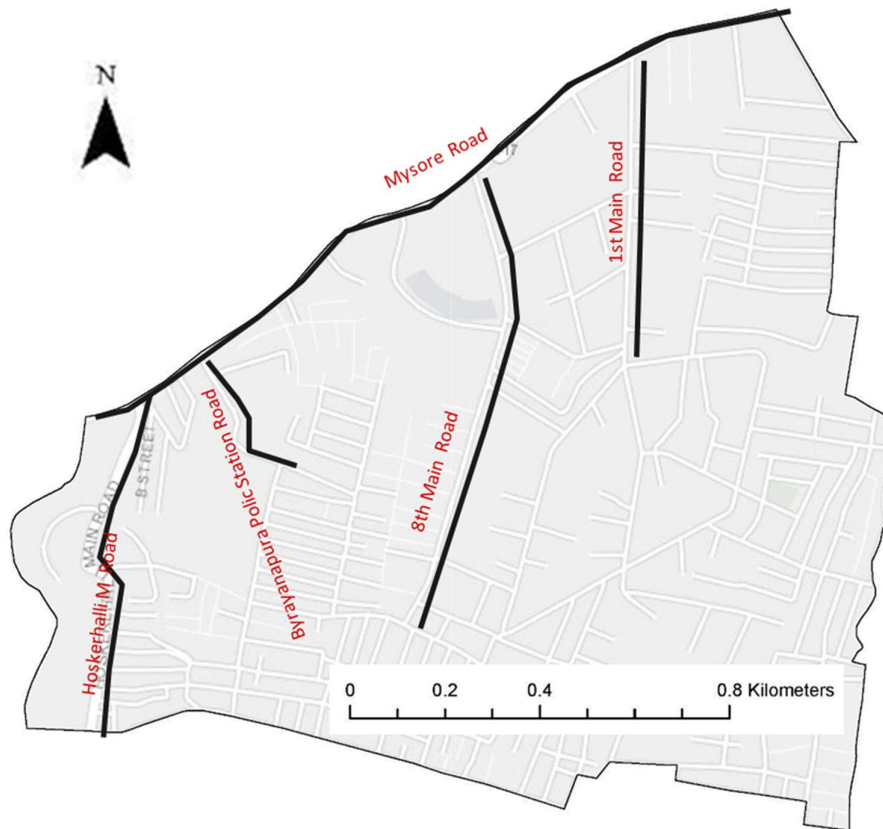


Figure 21: Map showing the major roads and trip attraction points in Gali Anajenaya Temple Ward

Parking allocation

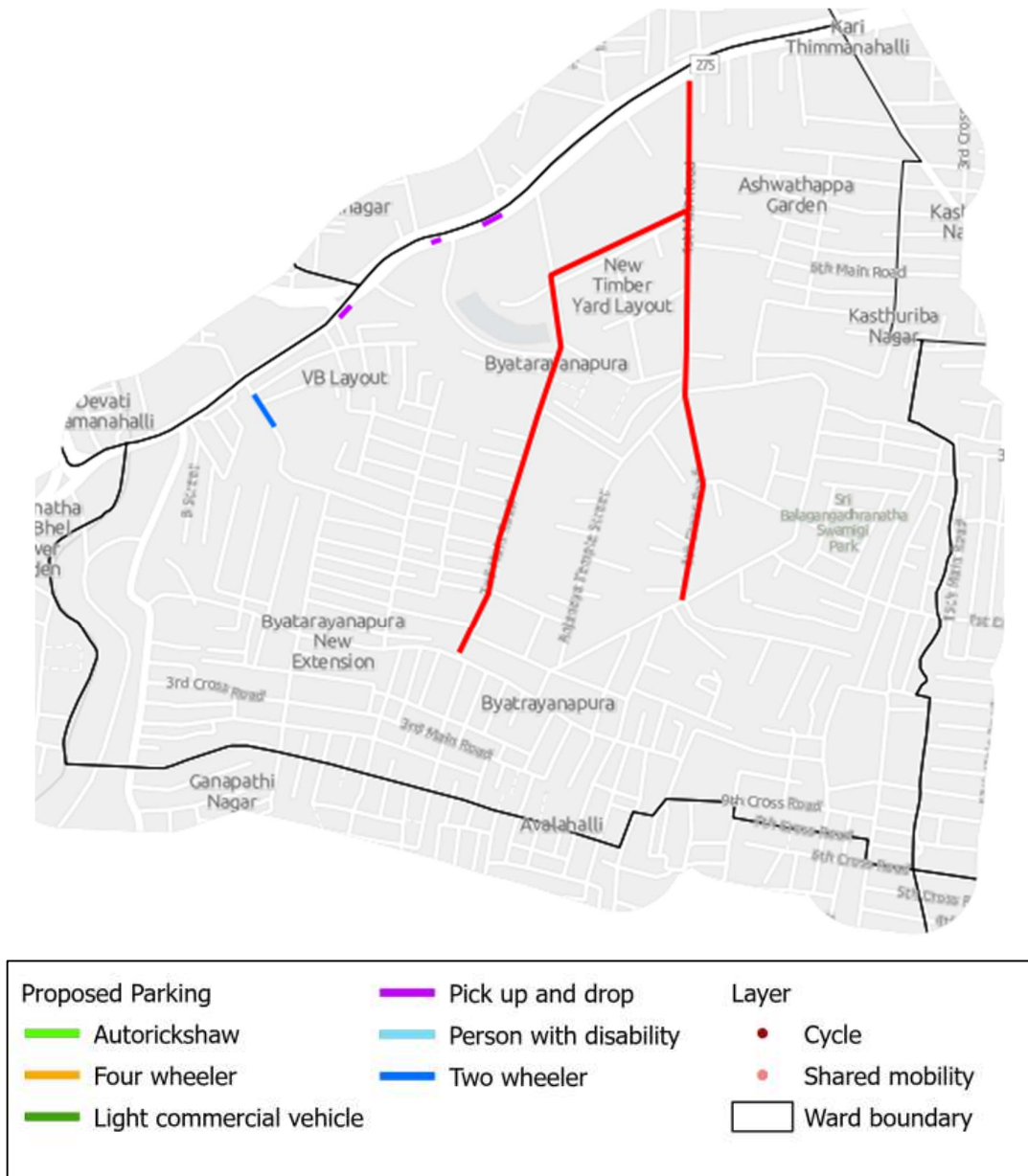


Figure 22: Parking Allocation Map of Gali Anajenaya Temple Ward

Ward 158 – Deepanjali ward

Demographic Details

Deepanjali ward with an area of 2.09 sq.km has a population of 30924 with a density of 14796 persons per Sq.km.

Existing Land use

The northern portion of the ward is industrial in landuse while the southern and eastern section is concentrated with compact residential development.

Transportation network

The major roads in this ward Mysore Road, Outer Ring Road, Girinagar Road, etc.

The major landmarks in this ward are Mysore Road Metro Station, BHEL, PES College, etc

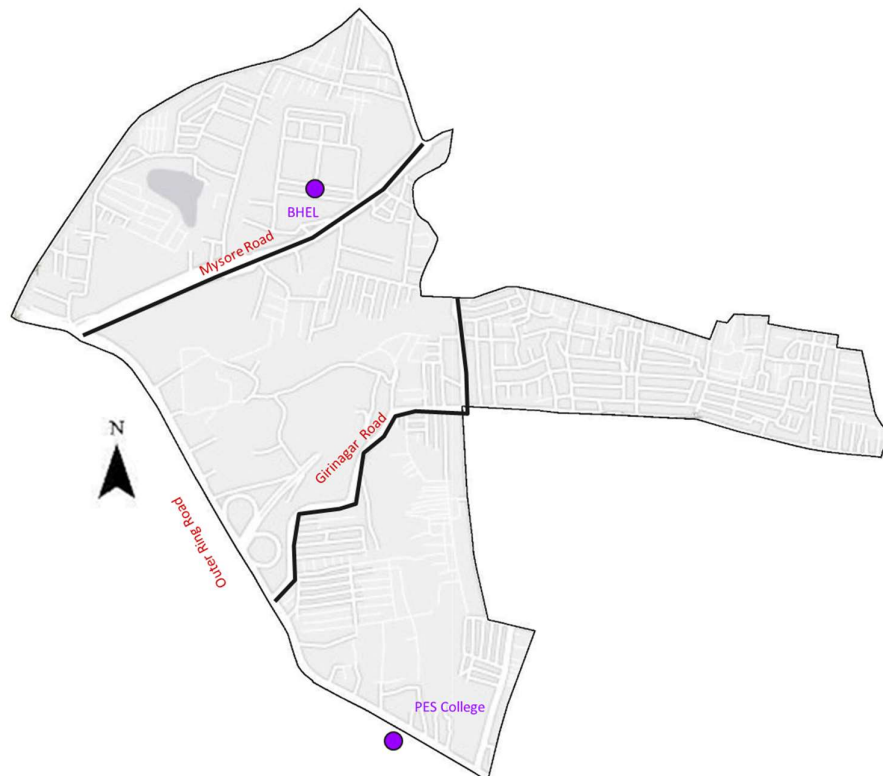


Figure 23: Map showing the major roads and trip attraction points in Deepanjali ward road

Parking allocation

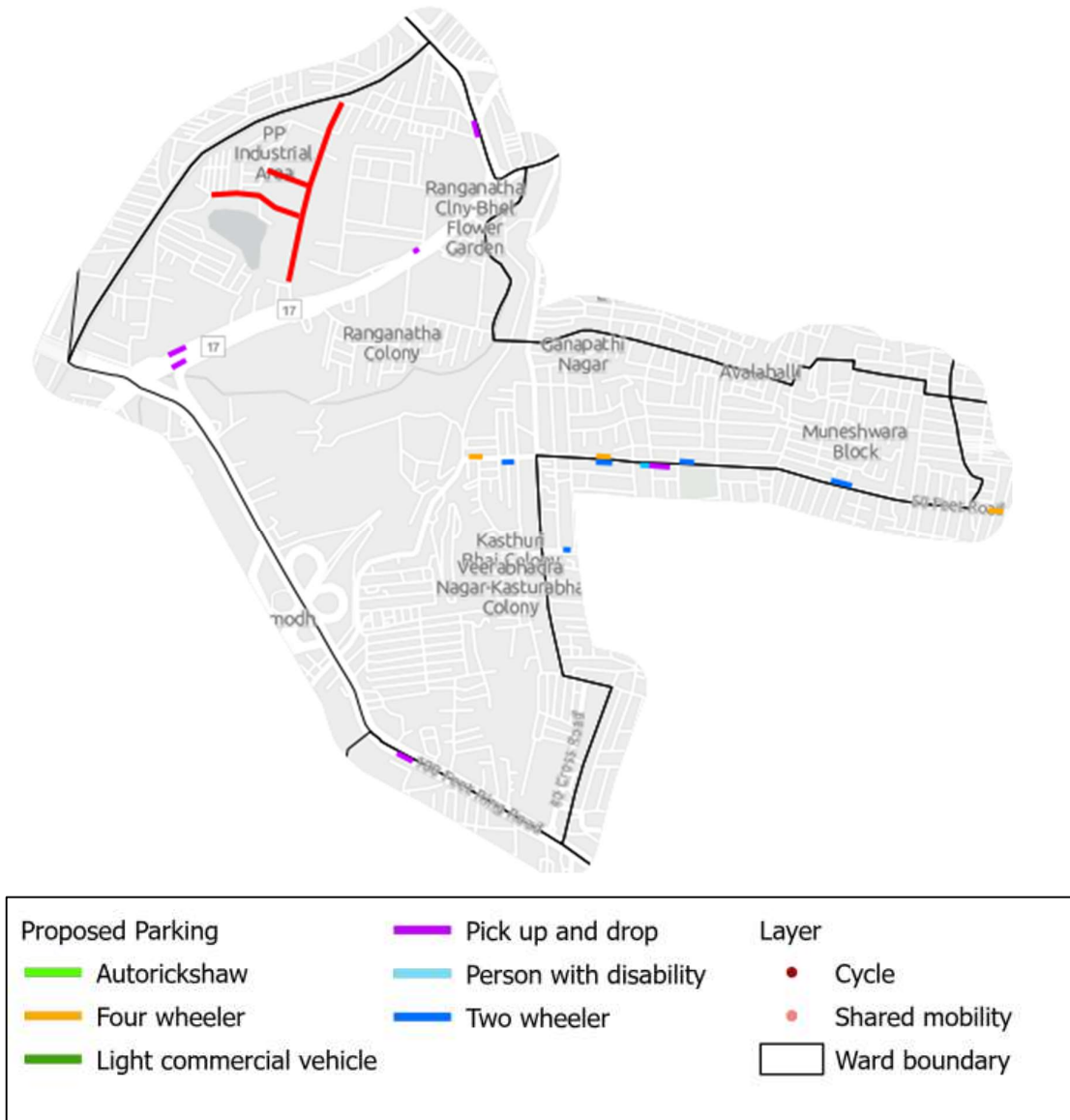


Figure 24: Parking Allocation Map of Deepanajali ward

Ward 161 – Hosakerehalli ward

Demographic Details

Hosakerehalli ward with an area of 1.34 sq.km has a population of 21185 with a density of 15809 persons per Sq.km.

Existing Land use

The major land use in the ward is residential with parcels of Institutional land uses. The commercial land use is very limited along the arterial roads.

Transportation network

The major roads in this ward include Outer Ring Road, Hoskerehalli Main Road, etc.

The major landmarks in this ward are PES University, Kokila Theatre, etc

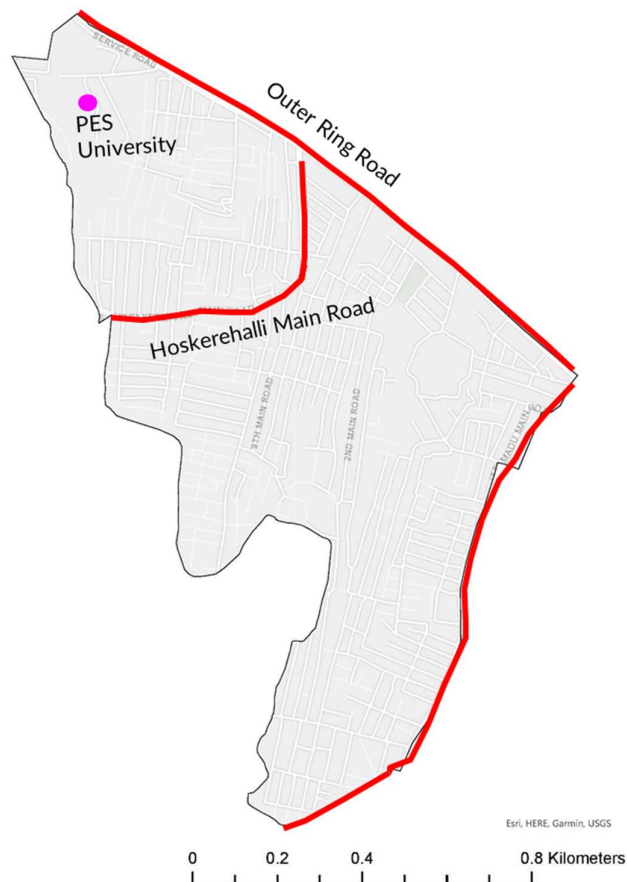
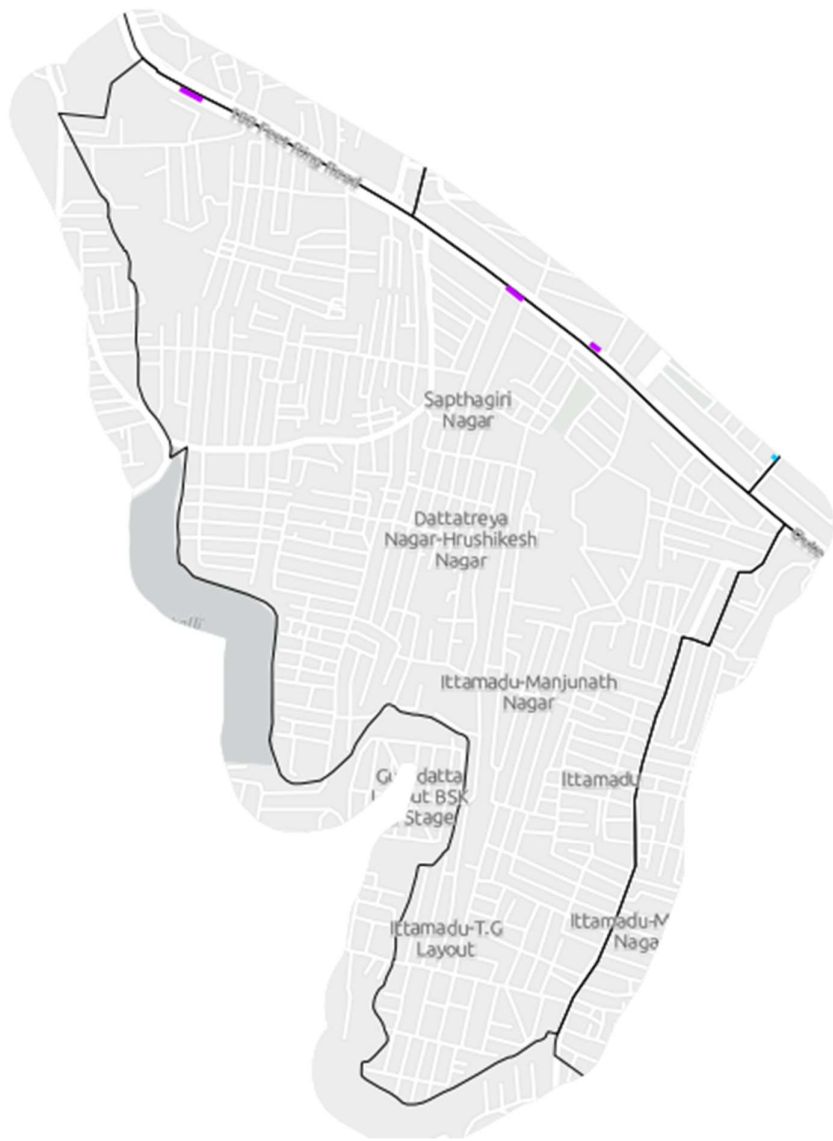


Figure 25: Map showing the major roads and trip attraction points in Hosakerehalli ward

Parking allocation



Proposed Parking	Pick up and drop	Layer
█ Autorickshaw	█ Person with disability	● Cycle
█ Four wheeler	█ Two wheeler	● Shared mobility
█ Light commercial vehicle		 Ward boundary

Figure 26: Parking Allocation Map of Hosakerehalli ward

Ward 162 – Giri Nagar ward

Demographic Details

Giri Nagar ward with an area of 1.77 sq.km has a population of 34912 with a density of 19724 persons per Sq.km.

Existing Land use

The major land uses in this ward is largely residential with commercial activities along 80 feet road.

Transportation network

The major roads in this ward include Outer Ring Road, 80 Feet Road, 50 Feet Road, Hosekerehalli Mian Road, etc. The major landmarks in this ward are Shakti Ganapathi Temple, Aastha Super specialty Eye Hospital, etc



Figure 27: 28Map showing the major roads and trip attraction points in Giri Nagar ward

Parking allocation

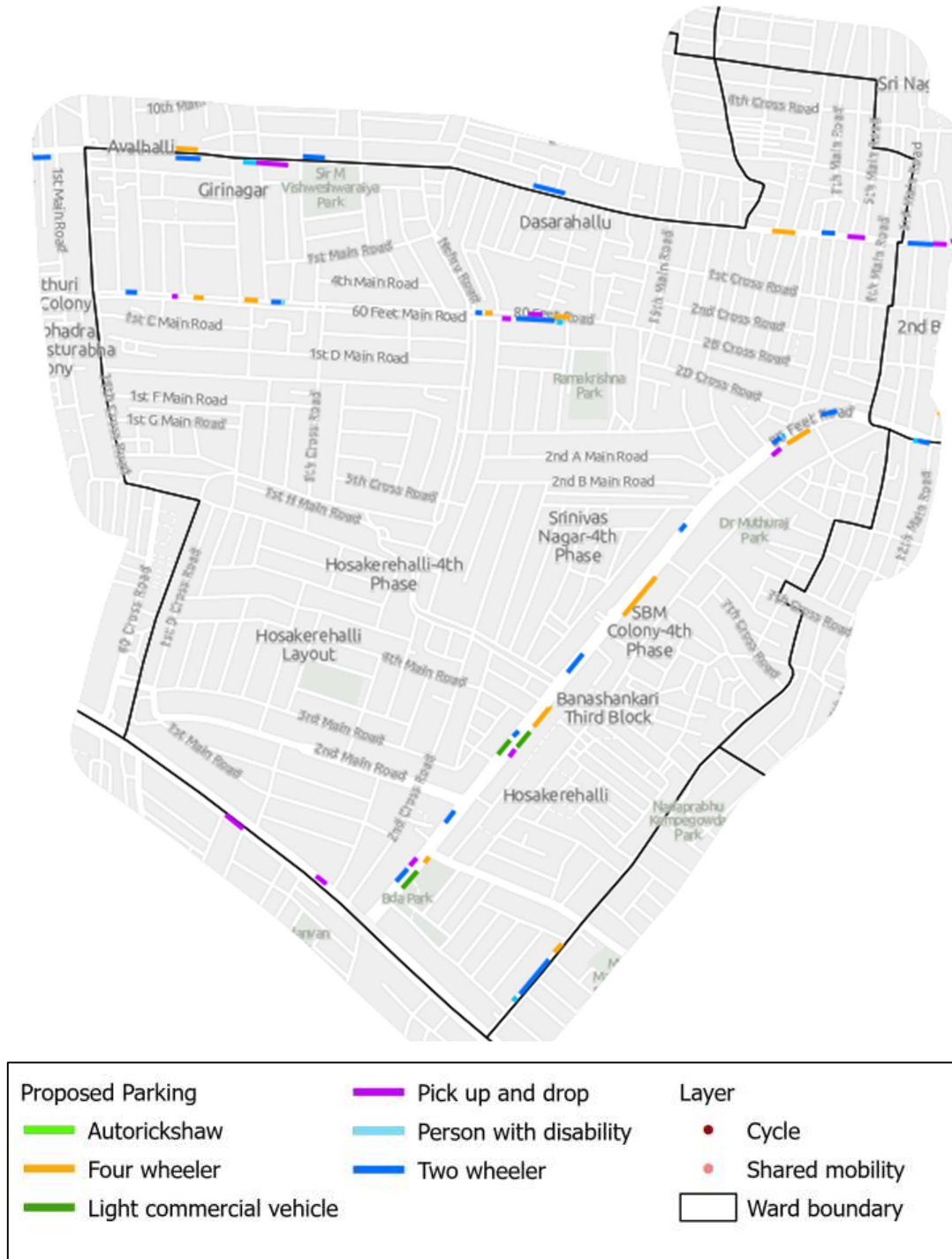


Figure 29: Parking Allocation Map of Giri Nagar ward

Ward 163 – Kathriguppe ward

Demographic Details

Kathriguppe ward with an area of 1.11 sq.km has a population of 35736 with a density of 32194 persons per Sq.km.

Existing Land use

Mostly comprised of Residential area dominated by high dense compact houses. Commercial activities are high on Kathriguppe Main Road.

Transportation network

The major roads in this ward Kathriguppe Main Road, 80 Feet Road, 50 Feet Road, etc. The major landmarks in this ward are Narasimhaswamy Park, Renuka Yallamma Temple, etc

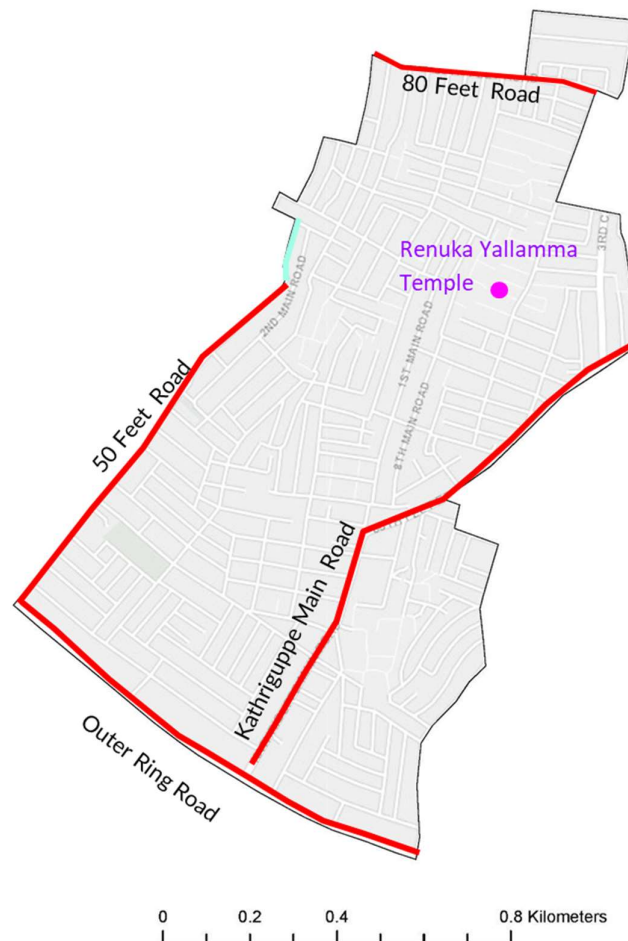
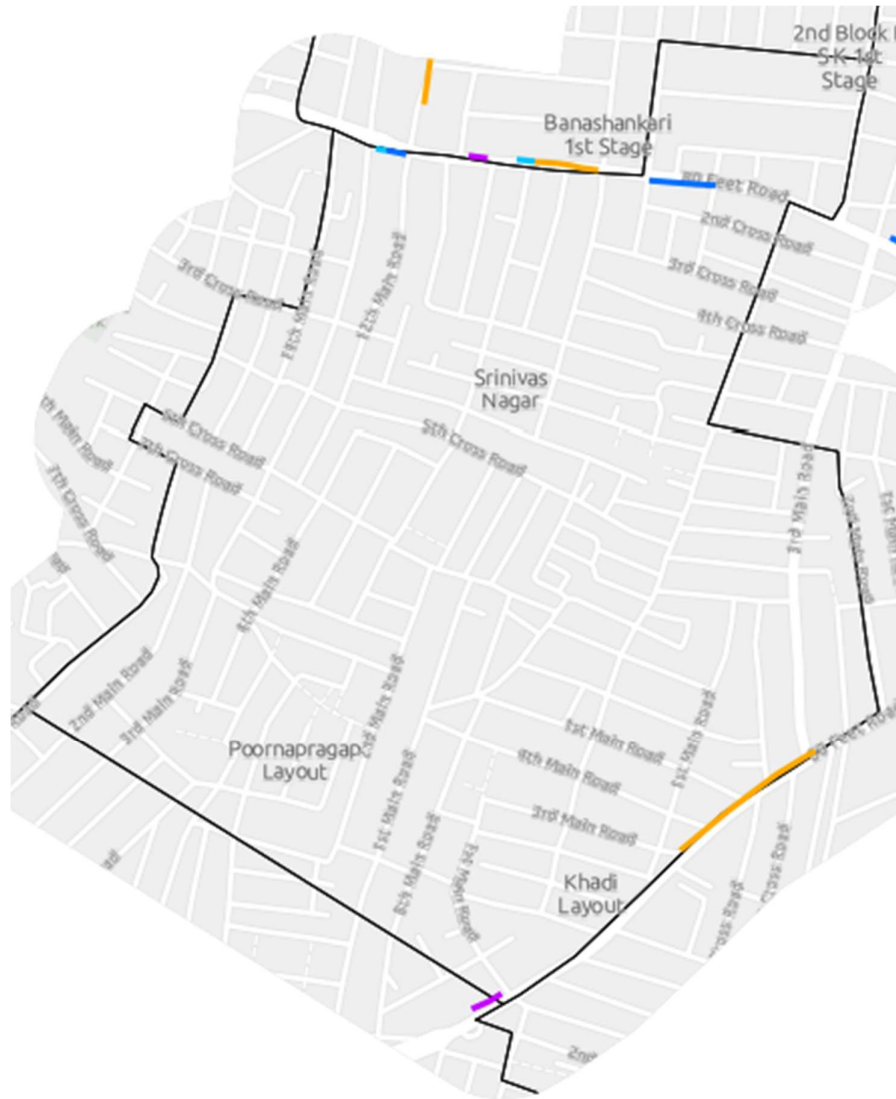


Figure 30: Map showing the major roads and trip attraction points in Kathriguppe ward

Parking allocation



Proposed Parking	Pick up and drop	Layer
<ul style="list-style-type: none"> — Autorickshaw — Four wheeler — Light commercial vehicle 	<ul style="list-style-type: none"> — Pick up and drop — Person with disability — Two wheeler 	<ul style="list-style-type: none"> ● Cycle ● Shared mobility Ward boundary

Figure 31: Parking Allocation Map of Kathriguppe ward

Ward 164 – Vidyapeeta ward

Demographic Details

Vidyapeeta ward with an area of 3.45 sq.km has a population of 34535 with a density of 10010 persons per Sq.km.

Existing Land use

Mostly comprised of Residential area dominated by high dense compact houses. Public Spaces include Srikrishna Devalaya Vidyapeeta, Sri Sidhi Subramanya Temple, Narasimha swami Temple while commercial Mixed used is observed along 50 Feet Road and Mount Joy Road.

Commercial activities are high on Kathriguppe Main Road.

Transportation network

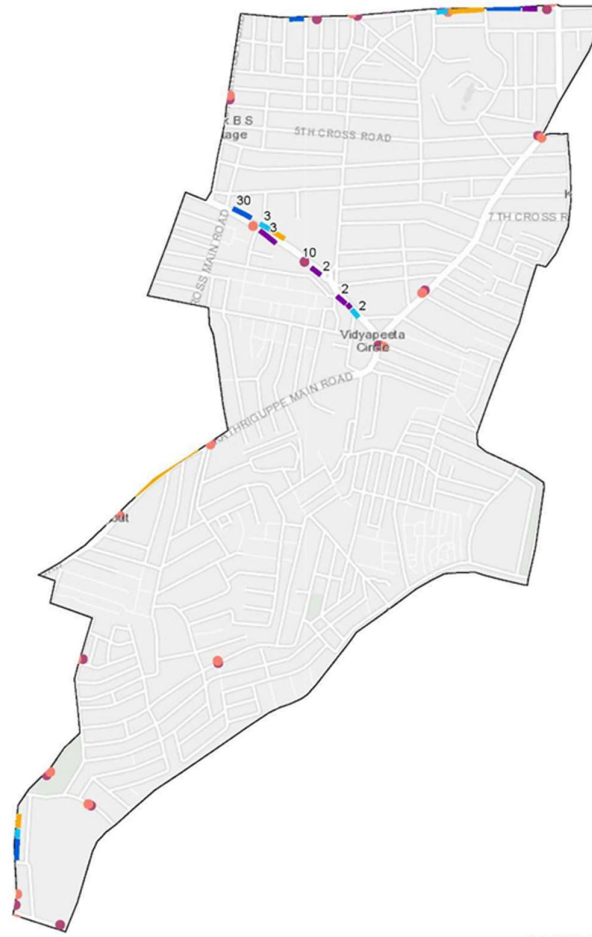
The major roads in this ward Kathriguppe Main Road, Vidyapeeta Main Road, 80 Feet Road, Kumaraswamy Temple Road, etc.

The major landmarks in this ward are Kathriguppe post office, Vidyapeeta park, Kumaraswami temple, etc



Figure 32: Map showing the major roads and trip attraction points in Vidyapeeta ward

Parking allocation



Esri, HERE, Garmi

Proposed Parking		Layer	
█ Autorickshaw	█ Pick up and drop	● Cycle	 Ward boundary
█ Four wheeler	█ Person with disability	● Shared mobility	
█ Light commercial vehicle	█ Two wheeler		

Figure 33: Parking Allocation Map of Vidyapeeta ward

Ward 183 – Chikkalsandra ward

Demographic Details

Chikkalsandra ward with an area of 1.09 sq.km has a population of 24677 with a density of 24677 persons per Sq.km.

Existing Land use

Mostly comprised of Residential area dominated by high dense compact houses. Public Spaces include Srikrishna Devalaya Vidyapeeta, Sri Sidhi Subramanya Temple, Narasimha swami Temple while commercial Mixed used is observed along 50 Feet Road and Mount Joy Road.

Commercial activities are high on Kathiguppe Main Road.

Transportation network

The major roads in the ward is Outer Ring road. The major landmarks in this ward are Kathriguppe Depot, Kamakya Theatre, etc

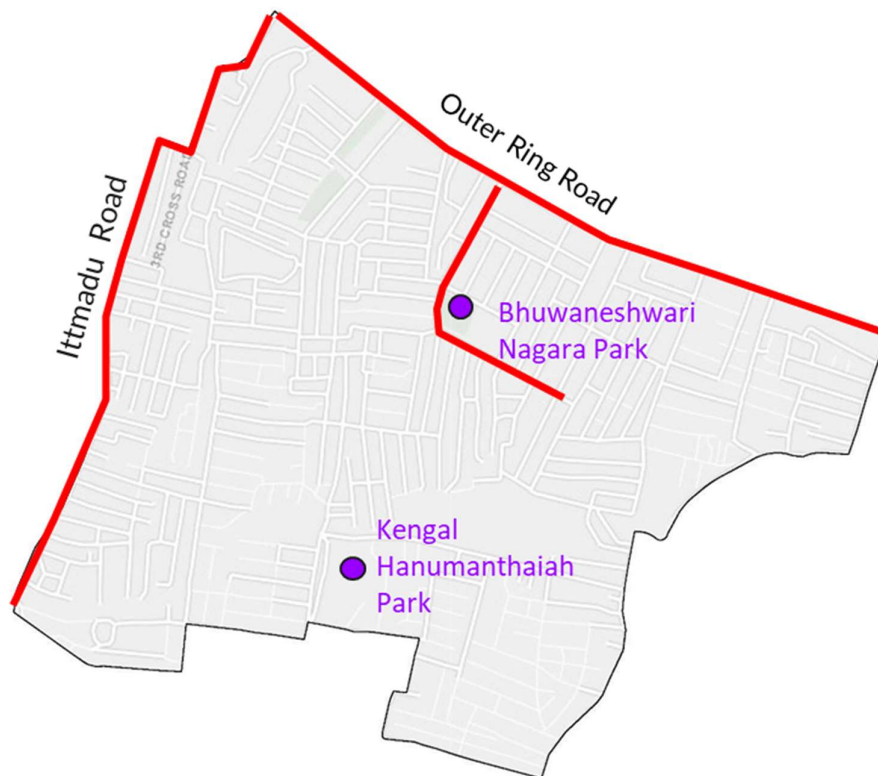


Figure 34 35: Map showing the major roads and trip attraction points in Chikkalsandra ward

Parking allocation

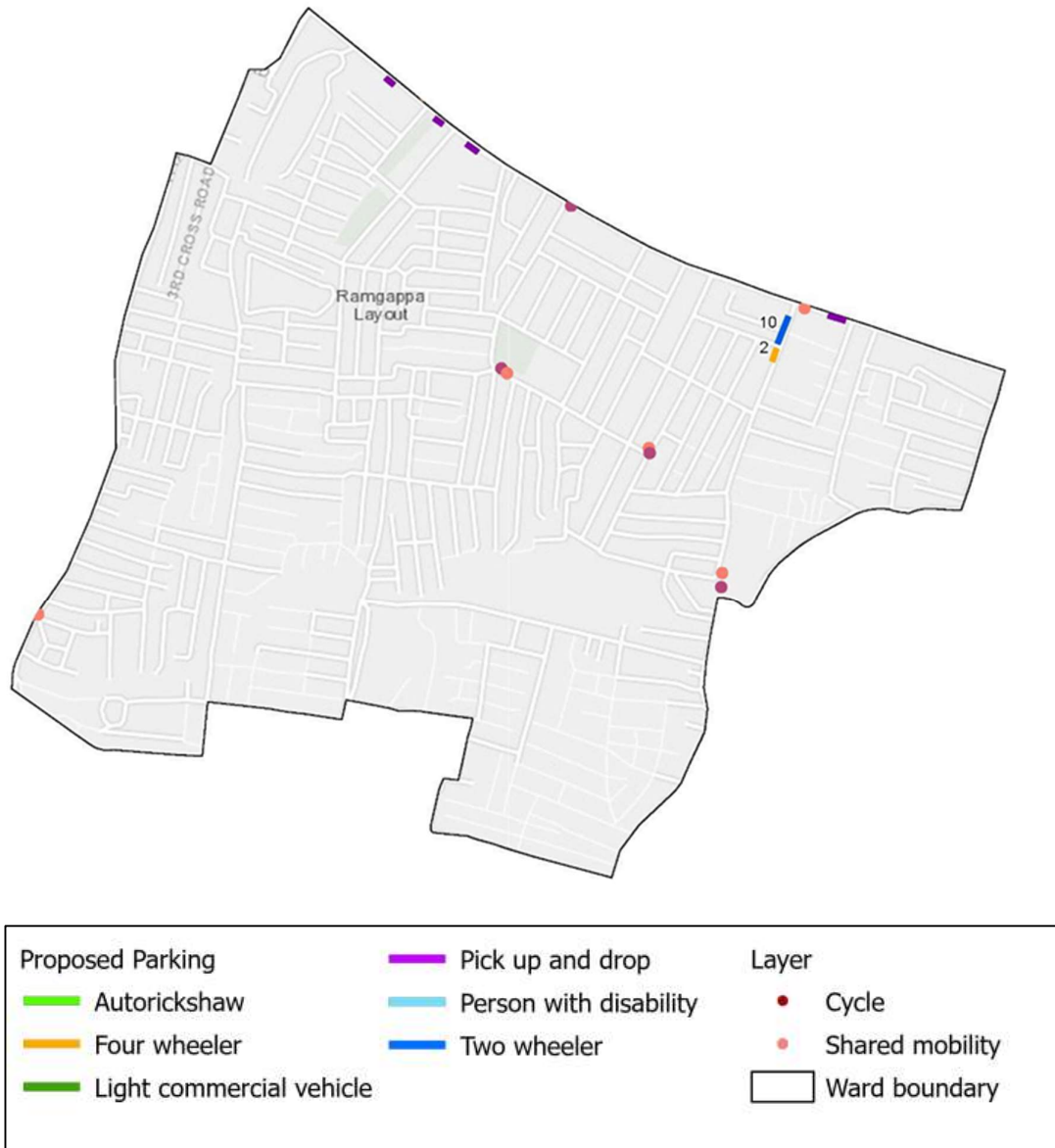


Figure 36: Parking Allocation Map of Chikkalsandra ward

Ward 118 – Sudham Nagar ward

Demographic Details

Sudham Nagar ward with an area of 1.0 sq.km has a population of 32202 with a density of 31,883 persons per Sq.km.

Existing Land use

Freight intensive Commercial: The area comprises of shops and godown with intensive freight movement of LCV, MCV and HCV vehicles. The landuse is typically commercial and commercial mix with commercial activities on ground floor and residential, office spaces and others on the above floors.

Public and Semi Public: Townhall, ravindra kalakshetra, and unity building are few of the public areas in the ward

Transportation network

The major roads in this ward are Lalbagh road , J.C. road, Double road and H. Siddhaiah road.

Major Landmarks

The major landmarks in this ward are Minerva Circle, Lalbagh main gate, Trustwell Hospital, Govt. Pharmacy college, etc.

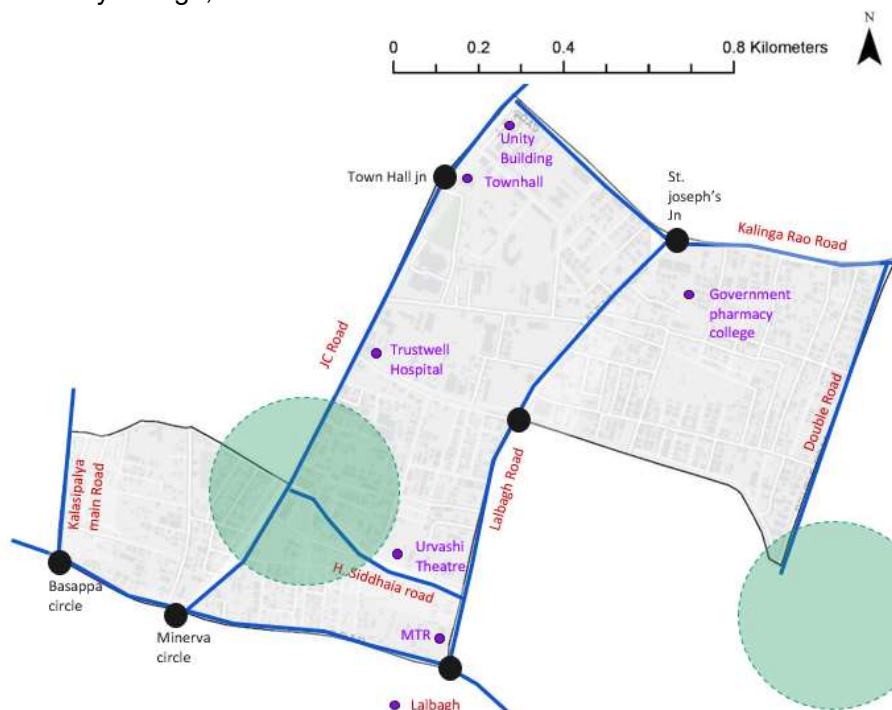


Figure 37: Map showing the major roads and trip attraction points in Sudham nagar ward

Parking allocation



Figure 38 Map showing mode wise parking allocation in Sudham nagar ward

Ward 119 – Dharmaraya Swamy Temple

Demographic Details

Dharmaraya Swamy Temple ward with an area of 1.10 sq.km has a population density of 27000 persons per Sq.km.

Existing Land use

The Predominant land use in this ward is commercial and mixed commercial with very less residential. This ward is mainly consisting of wholesale market. It also includes a vegetable market.

Transportation network

The major roads in this ward are NR road, Nawab Hyder Ali Khan road, AM Road and Nagarpeth Main road.

Major Landmarks

The major landmarks in this ward are Kalasipalya Bus Stand, Vegetable market, Dharmaraya Swamy Temple, etc.



Figure 39 Map showing the major roads and trip attraction points in Dharmaraya Swamy ward

Parking allocation

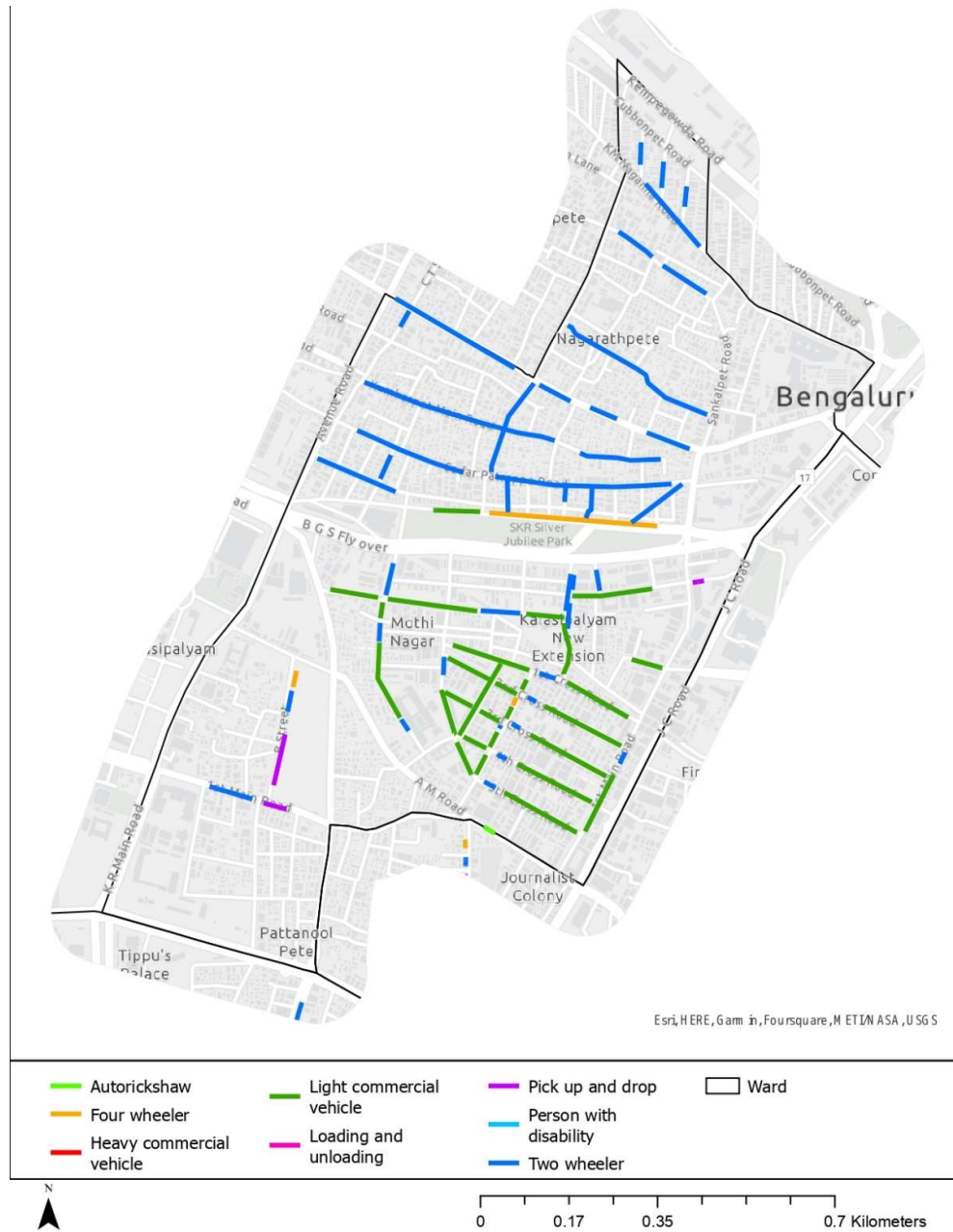


Figure 40: Map showing mode wise parking allocation in Dharmaraya swamy temple

Ward 142 – Sunkenahalli

Demographic Details

Sunkenahalli ward with an area of 1.49 sq.km has a population density of 24267 persons per Sq.km.

Existing Land use

1. Residential is the predominant land-use in this ward
2. One of the other land-uses is Public & Semi Public - BMS College, National College, Ramakrishna Math
3. Commercial - Gandhi Bazaar, DVG Road

Transportation network

The major roads in this ward are Vani Vilas Road, Basavanagudi road, Gandhi Bazaar road.

Major Landmarks

The major landmarks in this ward are Gandhi Bazaar, Bull Temple, National College, etc.

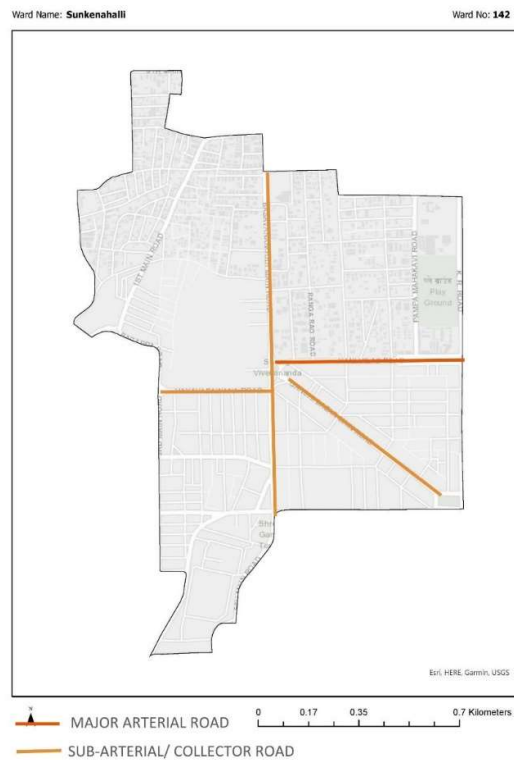


Figure 41 Map showing the major roads in Sunkenahalli ward

Parking allocation

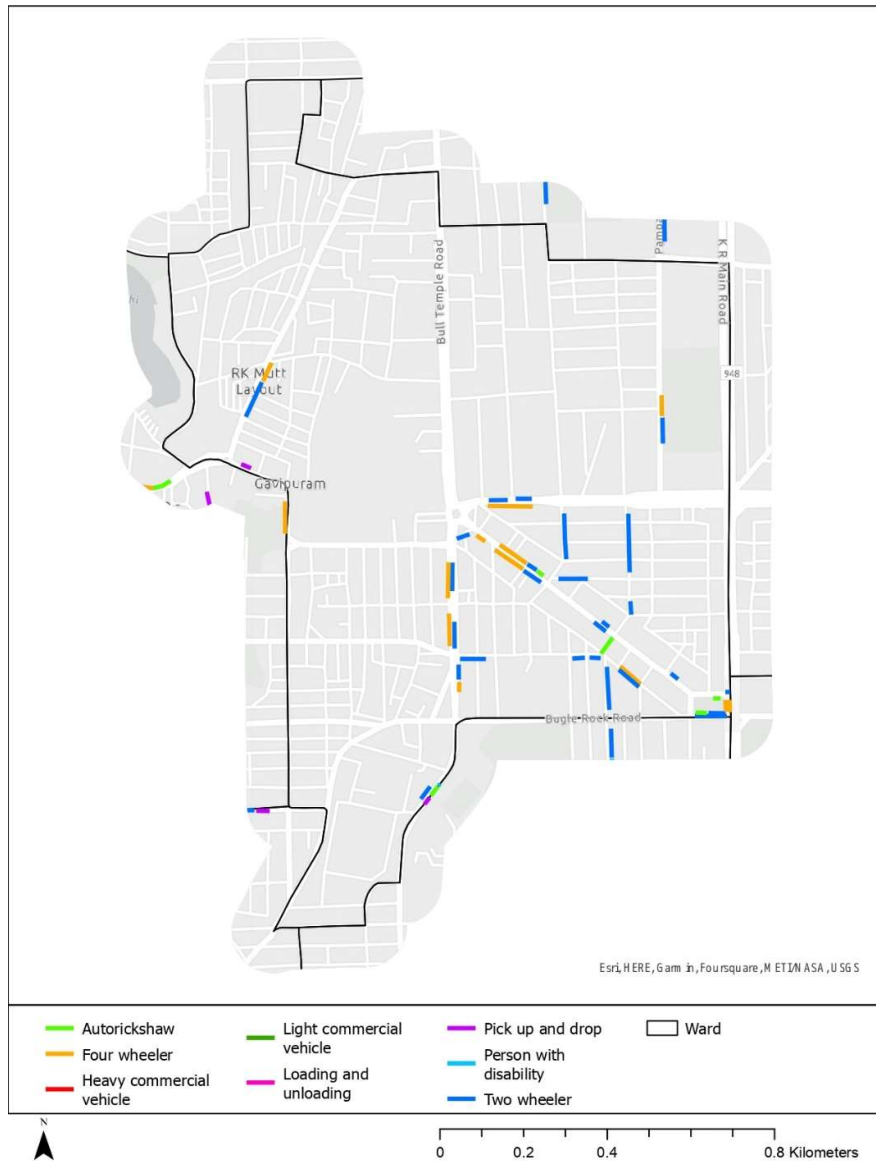


Figure 42: Map showing mode wise parking allocation in Sunkenhalli

Ward 143 – Vishveshwara Puram ward

Demographic Details

V V Puram ward with an area of 2.46 sq.km has a population density of 14613 persons per Sq.km.

Existing Land use

The predominant land-use of the ward is residential, and parks open space with Lalbagh occupying a large area. There are also public and semi-public land-uses – BIT, Sringeri Math, KIMS Hospital.

Transportation network

The major roads in this ward are Vani Vilas Road and Krumbagal road.

Major Landmarks

The major landmarks in this ward are Lalbagh, Bangalore Institute of Technology, Food Street etc.



Figure 43 Map showing the major roads in VV Puram ward

Parking allocation

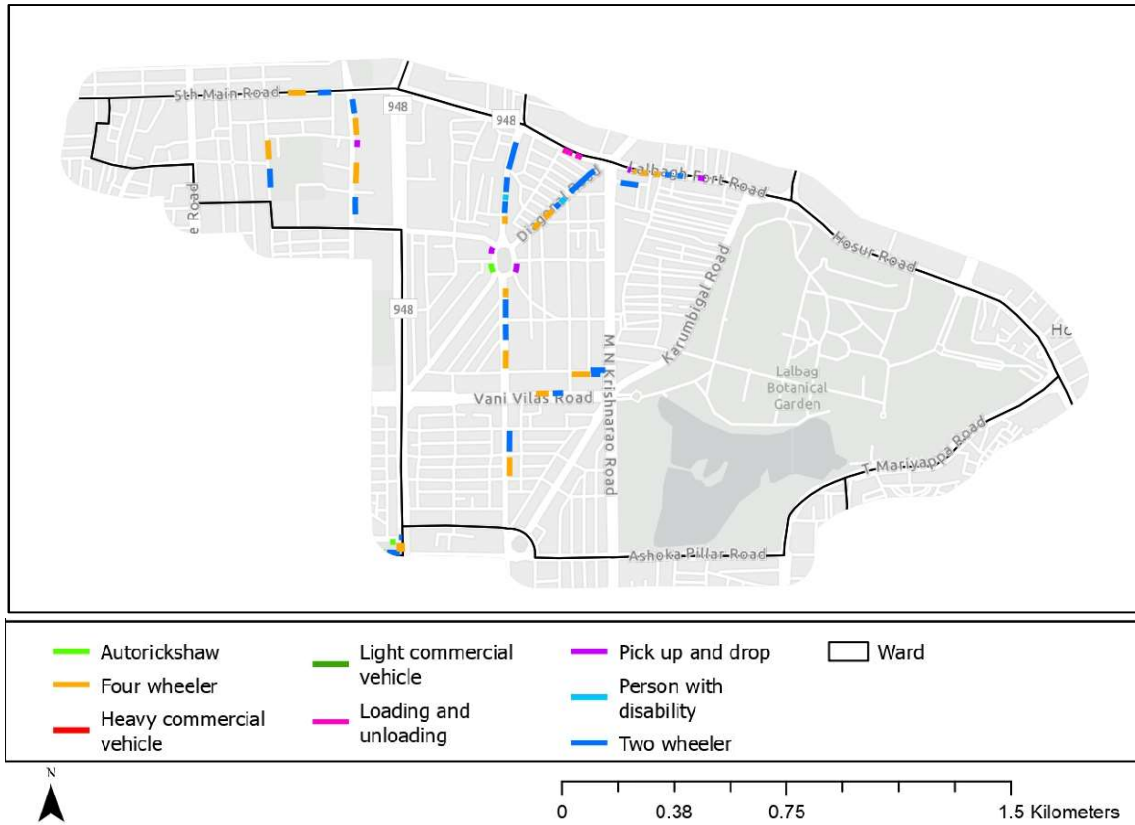


Figure 44: Map showing mode wise parking allocation in Vishveshwarapuram

Ward 144 – Siddhapura ward

Demographic Details

Siddhapura nagar ward with an area of 0.66 sq.km has a population of 32194 with a density of 48778 persons per Sq.km.

Existing Land use

1. Residential: It is the major landuse of the ward
2. Public and Semi Public: NIMHANS campus constitutes a major proportion of land area in the ward.
3. Commercial: The ancillary activities of NIMHANS is concentrated on one of the commercial spines (8th main road) in the ward. The commercial spine caters to the vendors at a small section of the road. There are few hotels as well on the cross roads.

Transportation network

The major roads in this ward are Ashoka pillar road and Hosur road.

Major Landmarks

The major landmarks in this ward are Nimhans, Brand Factory, Lalbagh East Gate, etc.

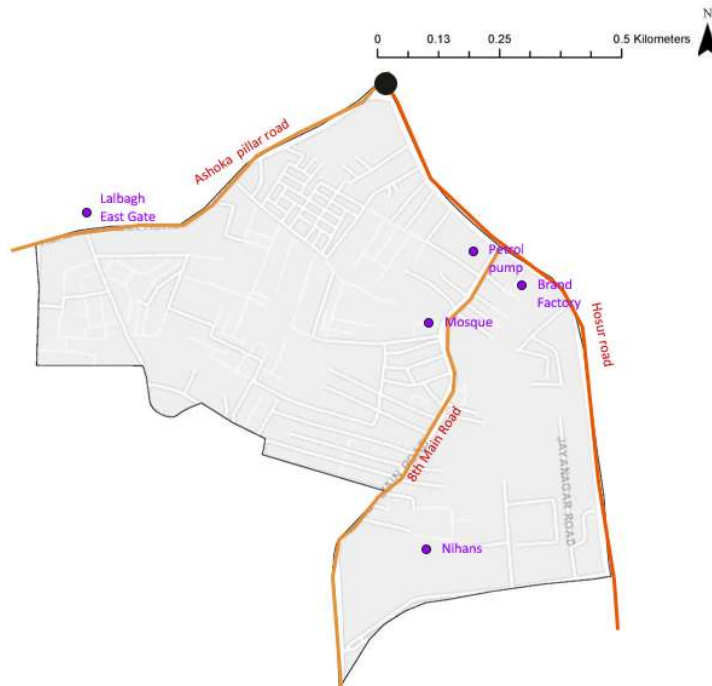


Figure 45 Map showing the major roads and trip attraction points in Siddhapura ward

Parking allocation



Figure 46 Map showing the mode wise parking allocation in Siddhapura ward

Ward 145 – Hombegowda Nagara ward

Demographic Details

Suddaguntepalya ward with an area of 0.66 sq.km has a population of 36455 with a density of 48778 persons per Sq.km.

Existing Land use

1. Commercial- Predominantly this area is commercial area as most of the road have abutting commercial landuse
2. Residential area: Most of residential areas are now converting into commercial landuse like godowns, store houses, offices, and restaurants
3. Public/Semipublic- School colleges and hospitals are located in this area.

Transportation network

The major roads in this ward are H. Siddaiah Road, BTS Main Road and Kengal Hanumanthaiah Road

Major Landmarks

The major landmarks in this ward are Burial ground, Kittur Rani Chennamma Park, Shantinagar TTMC, etc.

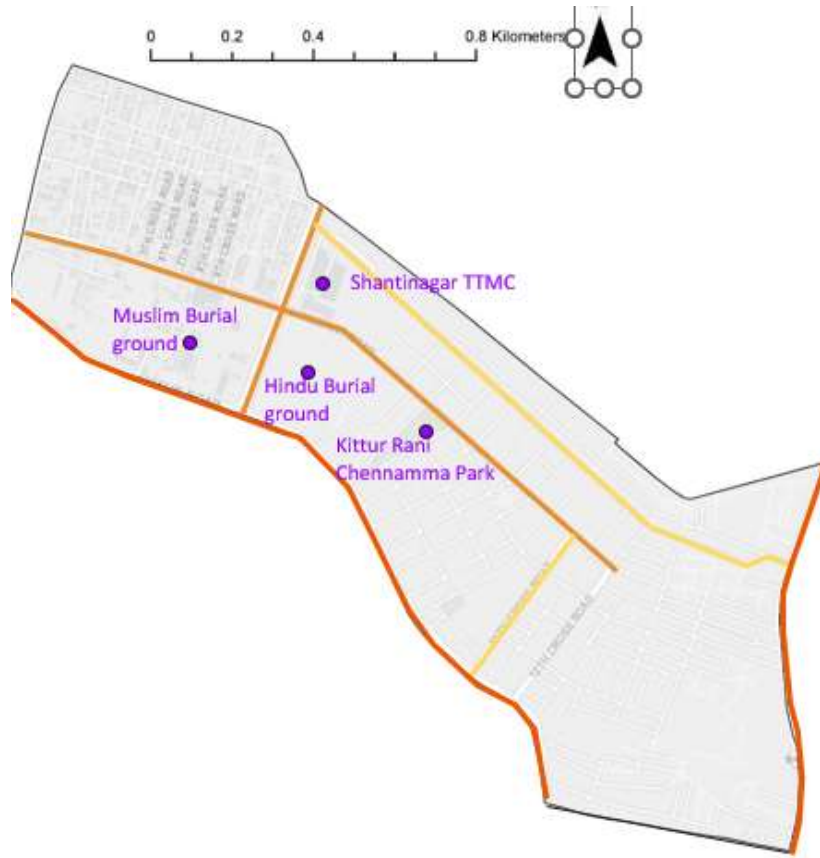


Figure 47 Map showing the major roads and trip attraction points in Hombegowda Nagara ward

Parking allocation

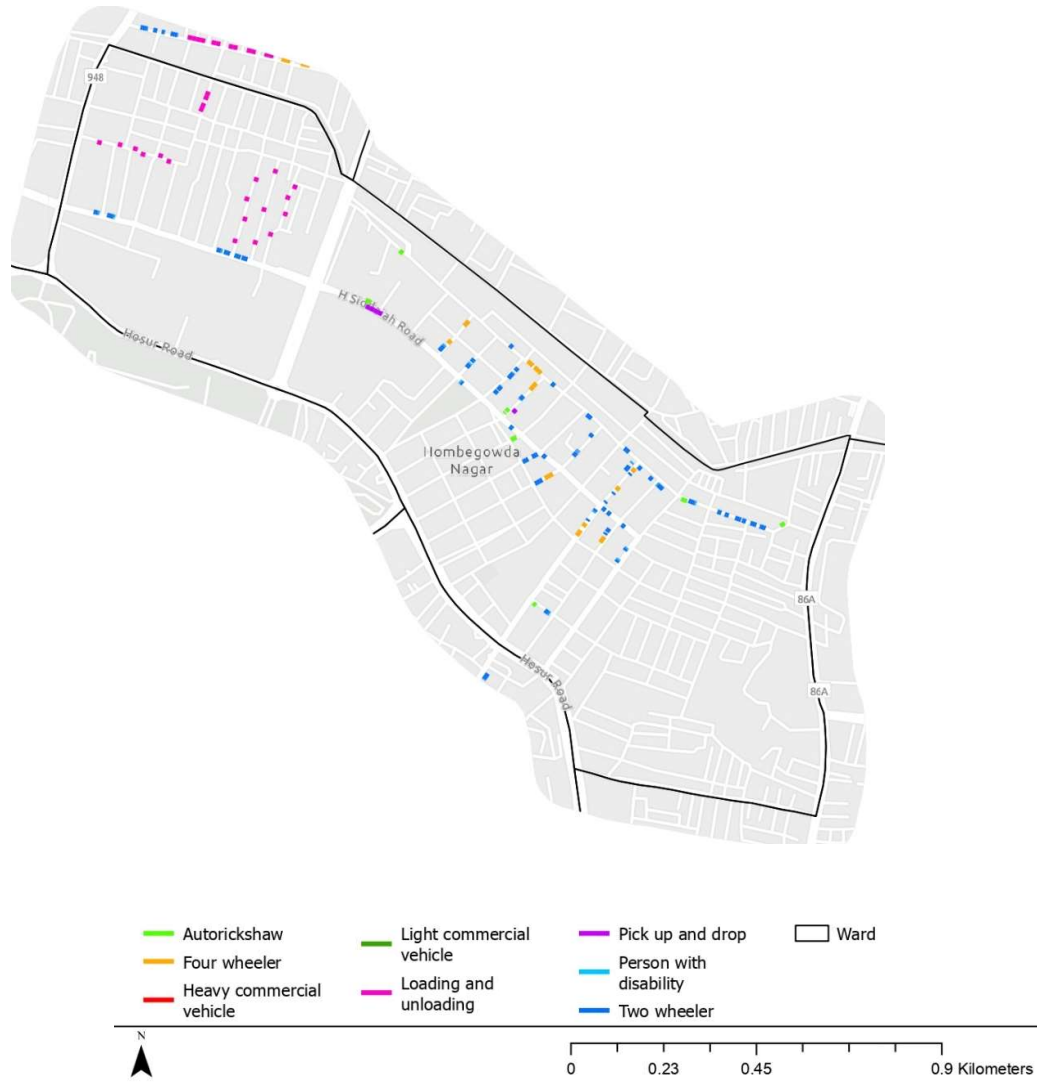


Figure 48 Map showing mode wise parking allocation in Hombegowda Nagara ward

Ward 153 – Jayanagar ward

Demographic Details

Jayanagar ward with an area of 2.49 sq.km has a population density of 14385 persons per Sq.km.

Existing Land use

1. Public -Semi Public: NIMHANS, Indira Gandhi Institute of Child Health, Kidwai constitute the major proportion of the land in the ward
2. Commercial: Most of the commercial is in Jayanagar 1st Block

Transportation network

The major road in this ward is RV Road, 100 Feet Road, Bannerghatta Main Road.

Major Landmarks

The major landmarks in this ward are NIMHANS, Krishna Rao Park, South End Circle Metro station, etc.



Figure 49 Map showing the major roads in Jayanagar ward

Parking allocation

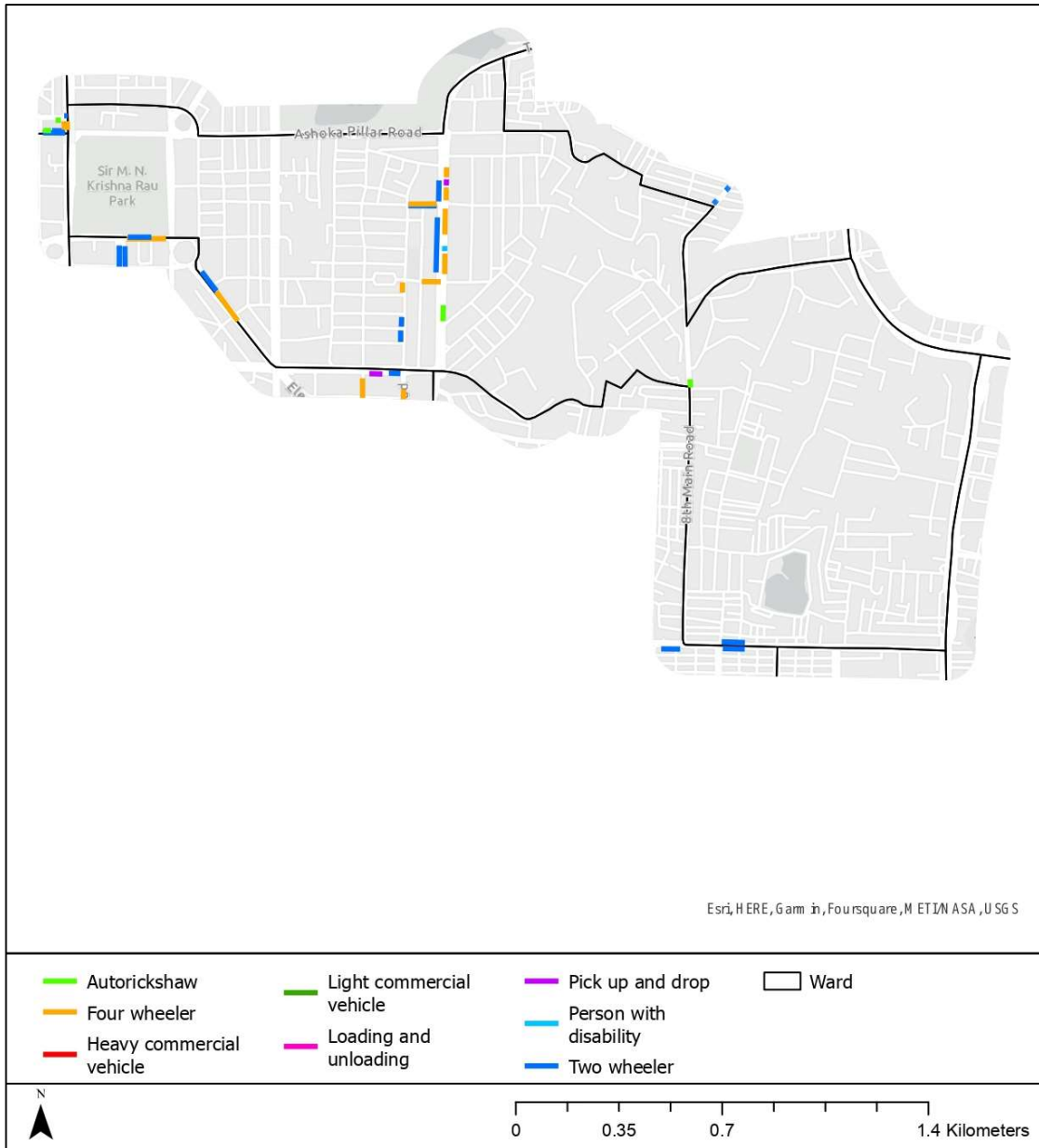


Figure 50: Map showing mode wise parking allocation Jayanagar ward

Ward 147 – Adugodi ward

Demographic Details

Adugodi ward with an area of 0.66 sq.km has a population of 29945 with a density of 48778 persons per Sq.km.

Existing Land use

1. Public -Semi Public: National Dairy Research Institute and police ground constitutes the major proportion of the land in the ward
2. Commercial: Most of the commercial establishments are retail, restaurants, pubs etc. The area attracts visitors from all over the city

Transportation network

The major road in this ward is Hosur road.

Major Landmarks

The major landmarks in this ward are National Dairy Research Institute, Mangala kalyan mantapa, Bosch, etc

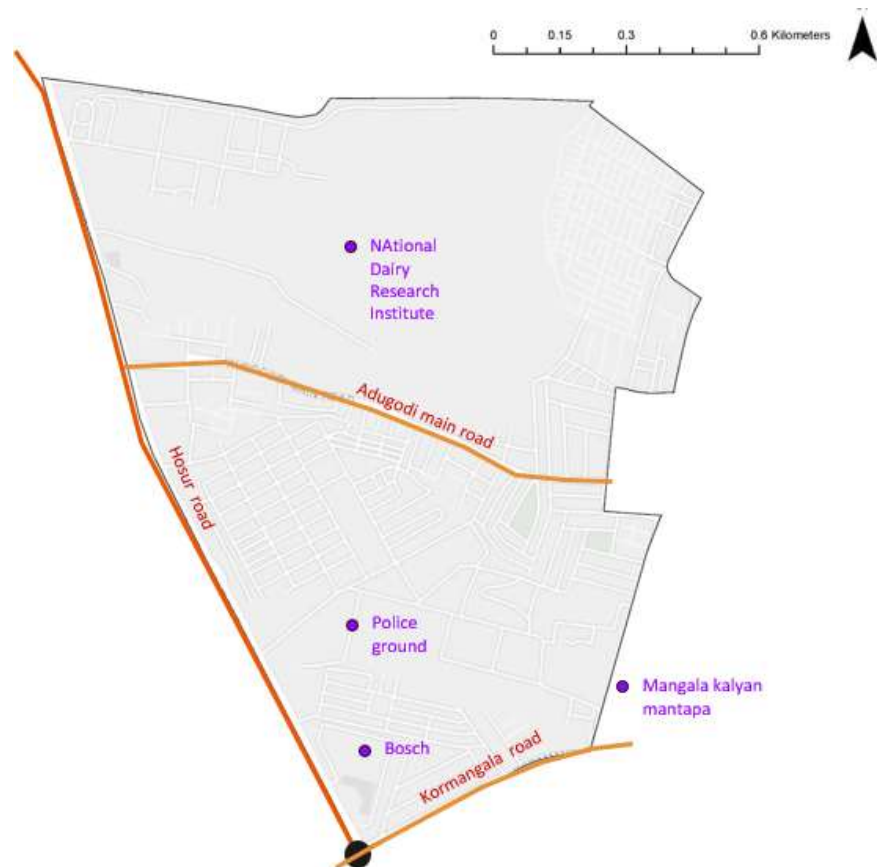


Figure 51 Map showing the major roads and trip attraction points in Adugodi ward

Parking allocation

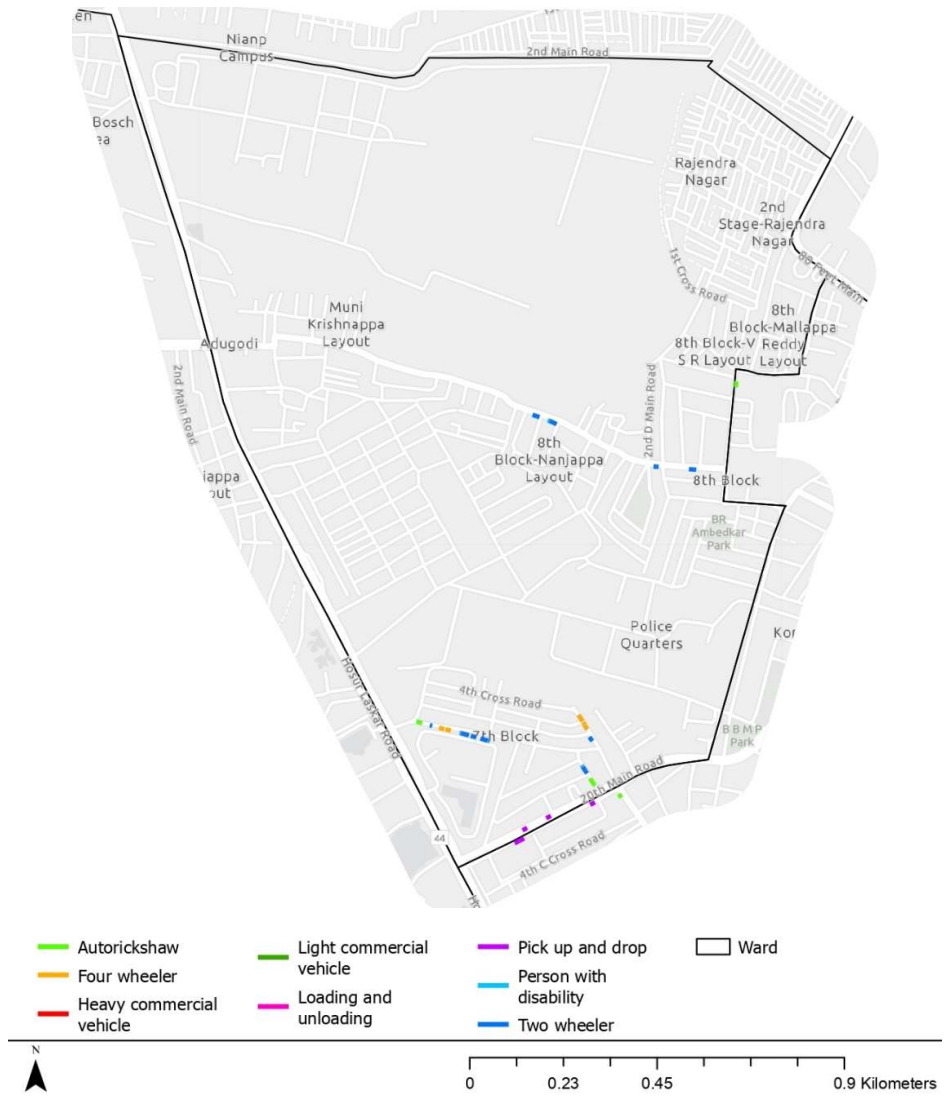


Figure 52 Map showing the mode wise parking allocation in Adugodu ward

Ward 148 – Ejipura ward

Demographic Details

Ejipura ward with an area of 0.66 sq.km has a population of 29105 with a density of 48778 persons per Sq.km.

Existing Land use

1. Commercial: The commercial establishments, i.e.; on ejipura main road, 80 feet road are mainly general retails serving the adjacent neighborhoods. C3 type of commercial abuts the inner ring road.
2. Residential area : Most of the landuse in the ward is residential
3. Public and Semi-Public: National games village is one of the important landmark with seasonal influx of visitors inside the campus

Transportation network

The major roads in this ward are 80 feet road and Ejipura main road

Major Landmarks

The major landmarks in this ward are National dairy development board, National games village, Kormangala Depot, Spar hypermarket, etc.

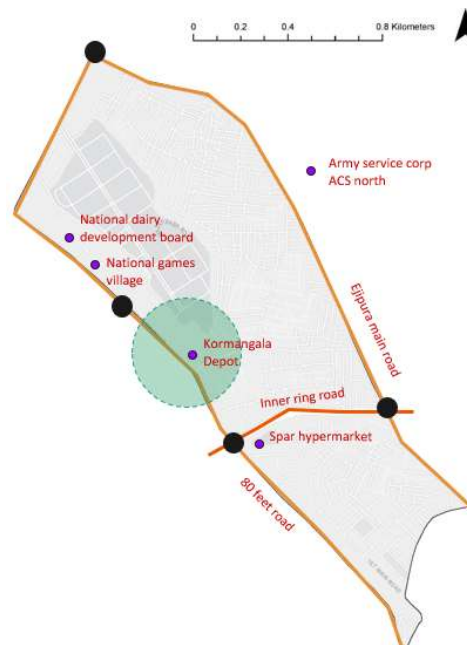


Figure 53 Map showing the major roads and trip attraction points in Ejipura ward

Parking allocation



Figure 54 Map showing mode wise parking allocation in Ejipura ward

Ward 151 – Kormangala ward

Demographic Details

Kormangala ward with an area of 3.7 sq.km has a population of 35359 with a density of 9530 persons per Sq.km.

Existing Land use

1. Commercial: The commercial establishments are along the major roads
2. Residential area: Most of the landuse in the ward is residential
3. Public and Semi Public: Institutions like St. John Campus, Survey of India constitute a major proportion of land in the ward.
4. The ward is rich with parks and water body forming a prominent green network

Transportation network

The major roads in this ward are 100 ft, 80 ft road and Ganpati temple road

Major Landmarks

The major landmarks in this ward are Jyoti Niwas college, St. John medical college/ hospital, Institute of Astrophysics, etc.

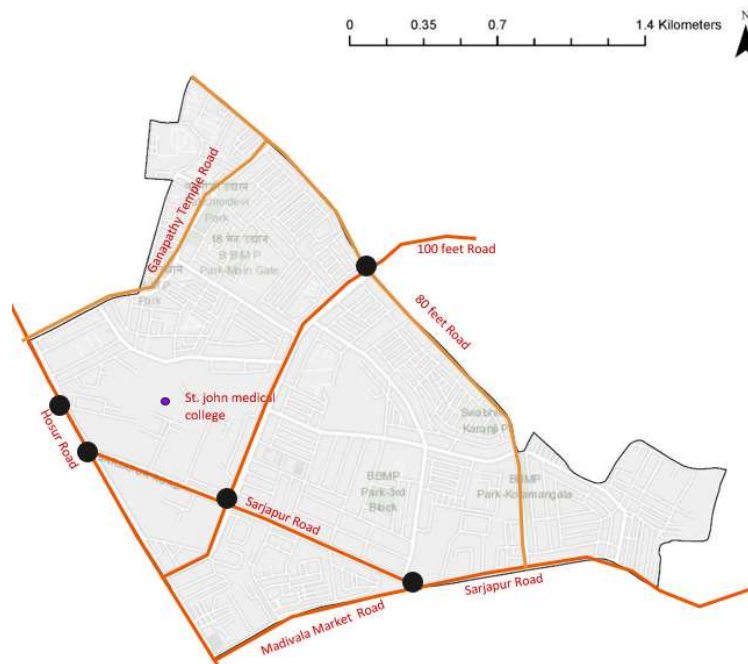


Figure 55 Map showing the major roads and trip attraction points in Kormangala ward

Parking allocation

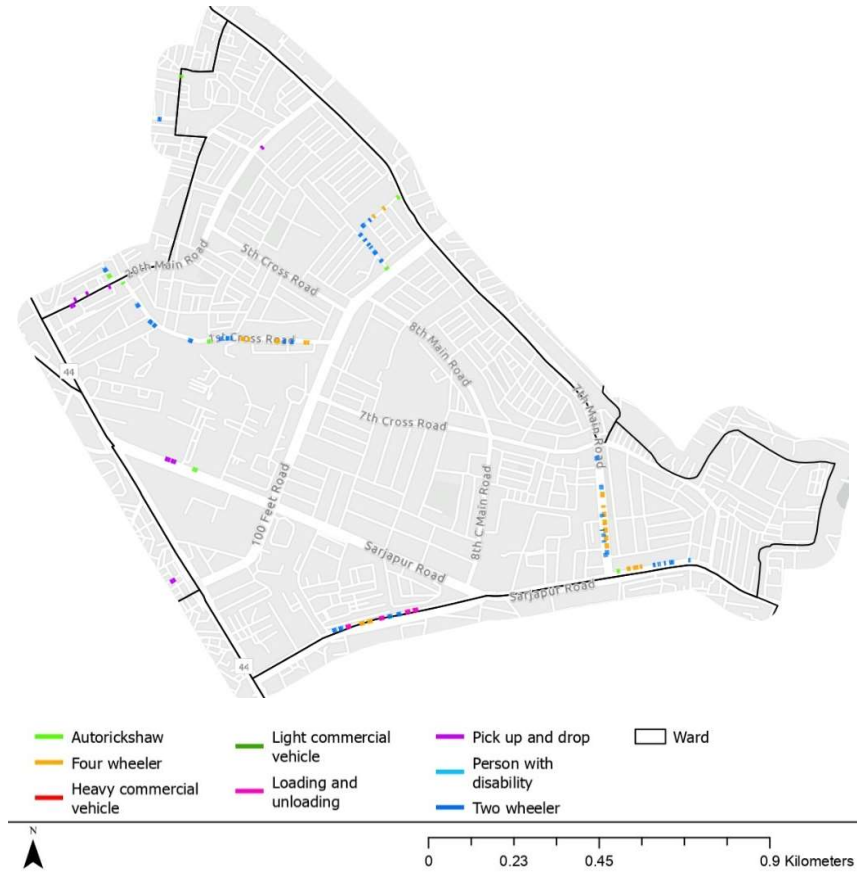


Figure 56 Map showing the mode wise parking allocation in Kormangala ward

Ward 152 – Suddaguntepalya ward

Demographic Details

Suddaguntepalya ward with an area of 1.7 sq.km has a population of 35910 with a density of 20638 persons per Sq.km.

Existing Land use

1. Public semi public-College dominates the area Christ college campus, Dharmavaram college, Ghousia college campus, St. Anthony's Friary Church, Oracle office building, Tavarekere park, Sri Venkateshwara hospital.
2. Residential area is dominated by PG and Rented houses for working young people and students in colleges in the area
3. Commercial development along road. The commercial development serves to larger area of the ward and few abutting wards

Transportation network

The major roads in this ward are Tavarekere road, Maruthi Nagar Main road and tank Bund Road

Major Landmarks

The major landmarks in this ward are Christ college campus, Dharmavaram college, Ghousia college campus, St. Anthony's Friary Church, Oracle office building, Tavarekere park, Sri Venkateshwara hospital, etc.

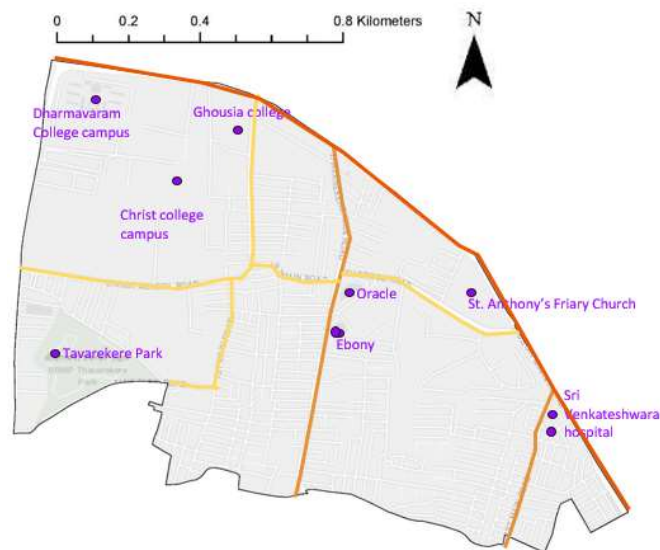


Figure 57 Map showing the major roads and trip attraction points in Suddaguntepalya ward

Parking allocation

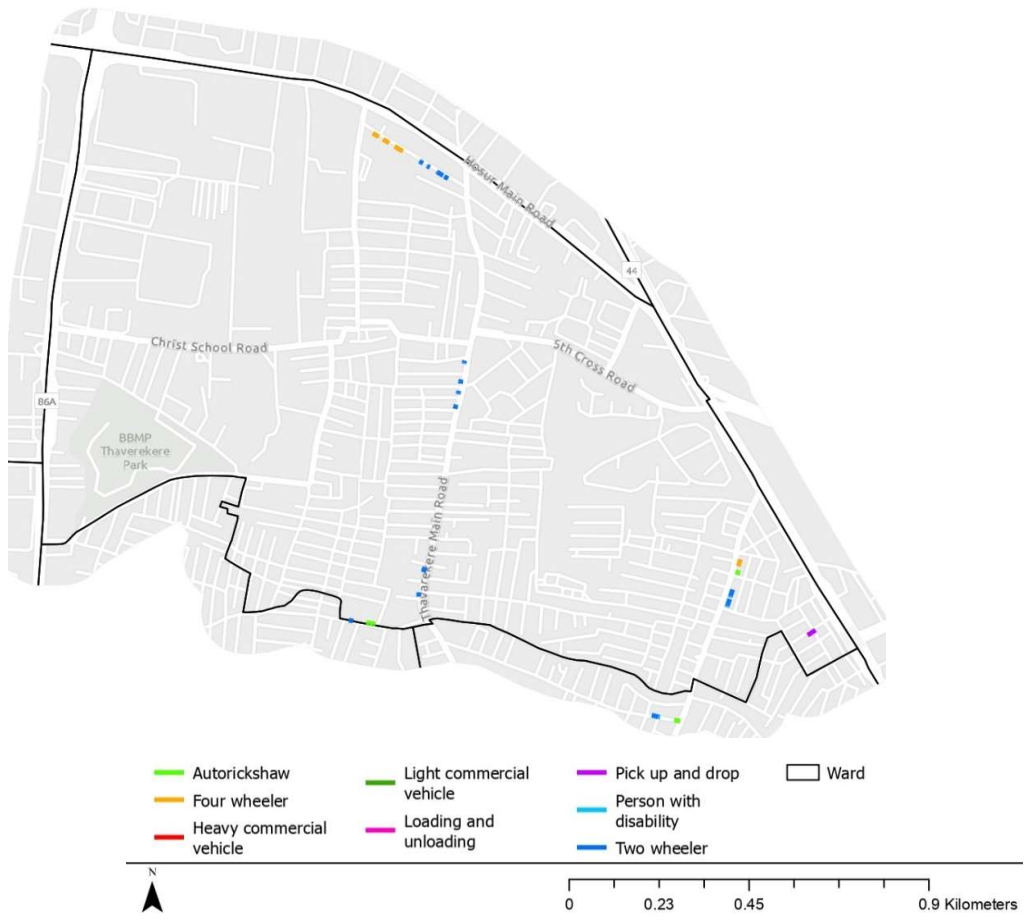


Figure 58 Map showing the mode wise parking allocation in Suddaguntepalya ward

Ward 172 – Madiwala ward

Demographic Details

Madiwala ward with an area of 1.16 sq.km has a population of 35155 with a density of 30306 persons per Sq.km.

Existing Land use

The ward is dominated by mostly residential and local level commercial.

Transportation network

The major road in this ward is Tavarekere road.



Figure 59 Map showing the major roads and trip attraction points in Madiwala ward

Parking allocation

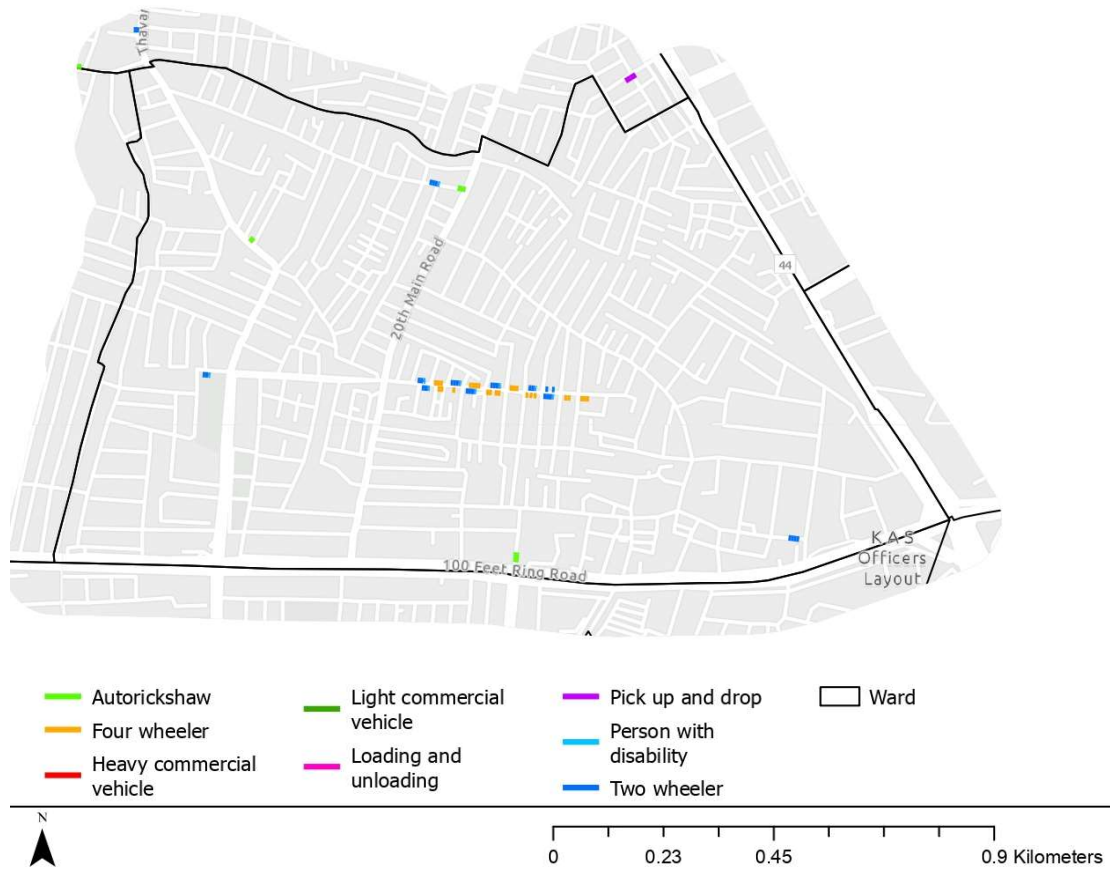


Figure 60 Map showing the mode wise parking allocation in Madiwala ward

Ward 173 – Jakkasandra ward

Demographic Details

Jakkasandra ward with an area of 1.52 sq.km has a population of 24088 with a density of 24088 persons per Sq.km.

Existing Land use

1. Public-Semi Public: KSRP Campus
2. Residential: Residential landuse dominates the area
3. Commercial: Commercial Landuse is along one road which connects Madiwala market road to ORR service road

Transportation network

The major roads in this ward are Hosur road, Madiwala market road and Sarjapur road toward

Major Landmarks

The major landmark in this ward is KSRP Police Grounds.



Figure 61 Map showing the major roads and trip attraction points in Jakkasandra ward

Parking allocation

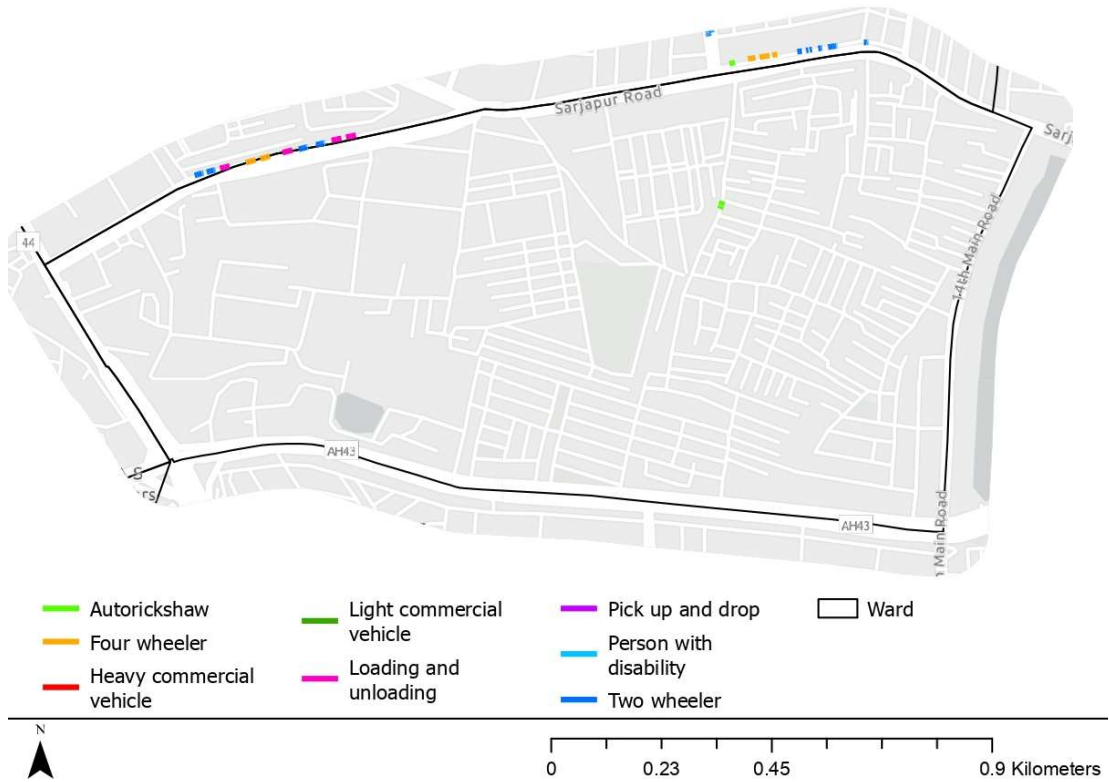


Figure 62 Map showing the mode wise parking allocation in Jakkasandra ward

Ward 176 – BTM ward

Demographic Details

BTM ward with an area of 2.1 sq.km has a population of 34436 with a density of 16167 persons per Sq.km.

Existing Land use

1. Residential: Residential landuse dominates the area
2. Commercial: Commercial Landuse is along roads

Transportation network

The major roads in this ward are Outer Ring Road, 29th main road, 7th Main road and 16th main road.

Major Landmarks

The major landmarks in this ward are alliance university, Jain University, etc.



Figure 63 Map showing the major roads and trip attraction points in BTM ward



Figure 65 Map showing the mode wise parking allocation in BTM ward

Ward 168 – Pattabhiram Nagar ward

Demographic Details

Pattabhiram Nagar ward an area of 1.72 sq.km has a population density of 17708 persons per Sq.km.

Existing Land use

The predominant land-use is commercial in Jayanagar 3rd block and residential.

Transportation network

The major roads in this ward are Aurobindo Marg, 32nd E Cross, 11th Main Road.

Major Landmarks

The major landmarks in this ward are Jayanagar 3rd Block, TTMC, Metro Station, Jayanagar Hospital, etc.



Figure 66 Map showing the major roads in Pattabhiram Nagar ward

Parking allocation

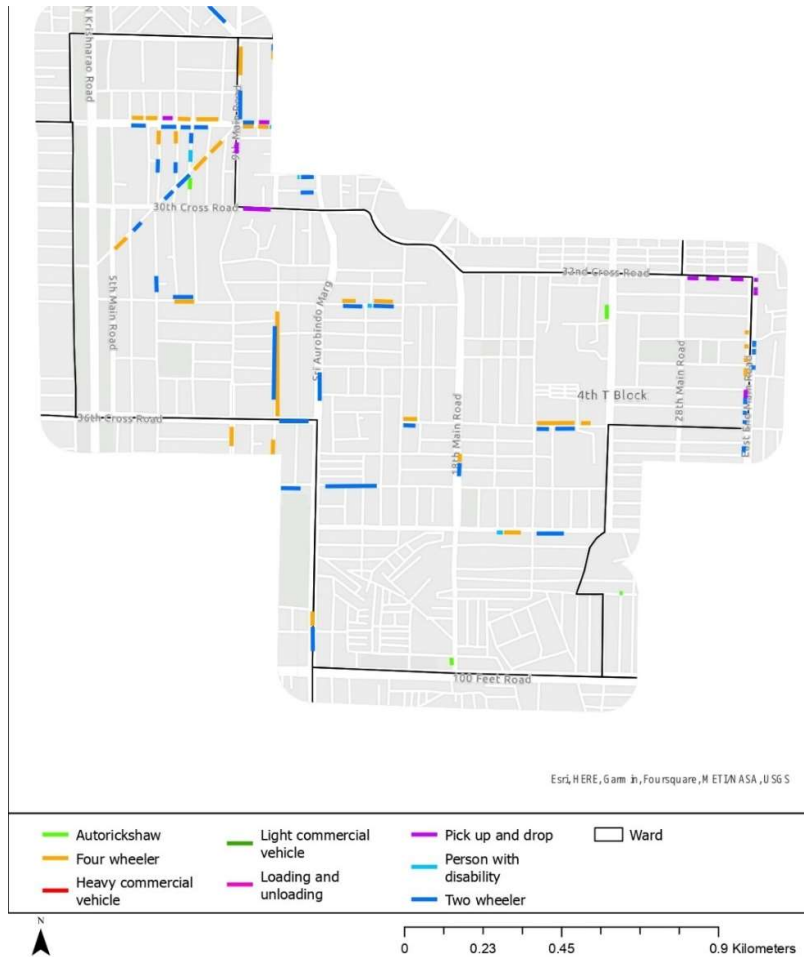


Figure 67: Map showing mode wise parking allocation Pattabhiram nagar ward

Ward 169 – Byrasandra ward

Demographic Details

Byrasandra ward has an area of 0.87 sq.km and a population density of 35216 persons per Sq.km.

Existing Land use

1. Residential area: The ward is dominated by residential landuse
2. Public semi public-Hospitals, Masjid, and public buildings
3. Commercial development along road. The commercial development on Bannerghatta Road serves to larger area of the ward and few abutting wards

Transportation network

The major roads in this ward are Byrasandra Main Road, 3rd Cross road, Swagath Main Road.

Major Landmarks

The major landmarks in this ward are Madhavan Park, BDA Complex Jayanagar, etc.



Figure 68 Map showing the major roads in Byrasandra ward

Parking allocation

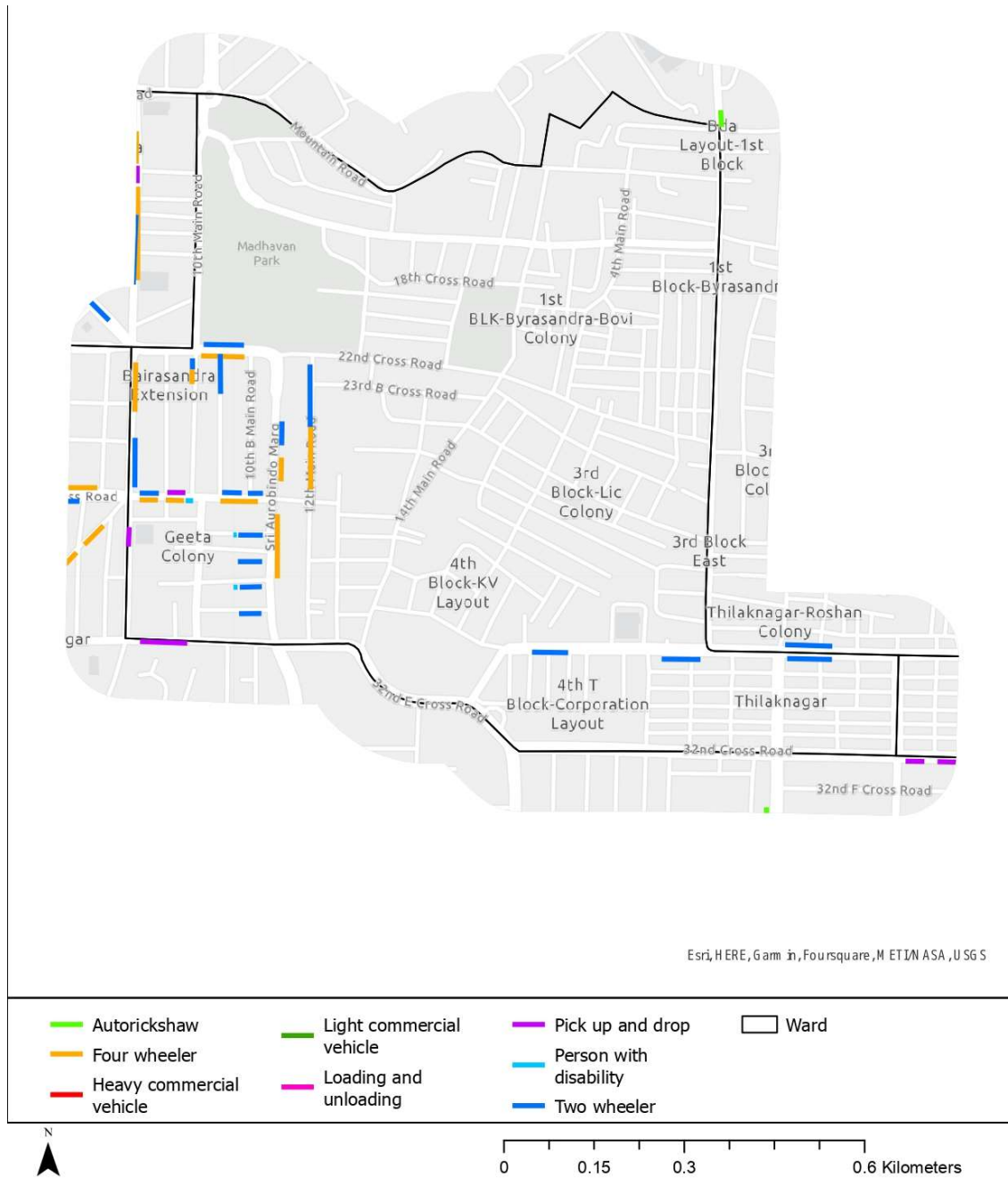


Figure 69: Map showing mode wise parking allocation Byrasandra ward

Ward 170 – Jayanagar East ward

Demographic Details

The ward an area of 1.03 sq.km has a population of 30846 with a density of 30846 persons per Sq.km.

Existing Land use

1. Residential area: The ward is dominated by residential land use
2. Public semi public-Hospitals, Masjid and public buildings
3. Commercial development along road. The commercial development on Bannerghatta road serves to larger area of the ward and few abutting wards

Transportation network

The major roads in this ward are Bannerghatta main road and Marenahalli road.

Major Landmarks

The major landmarks in this ward are Jayadeva institute, Masjid-e-idgah, Jal Bhavan, Sagar hospital, Carmel Convent school, Jayanagar 9th Block Market, Airtel Building, etc.

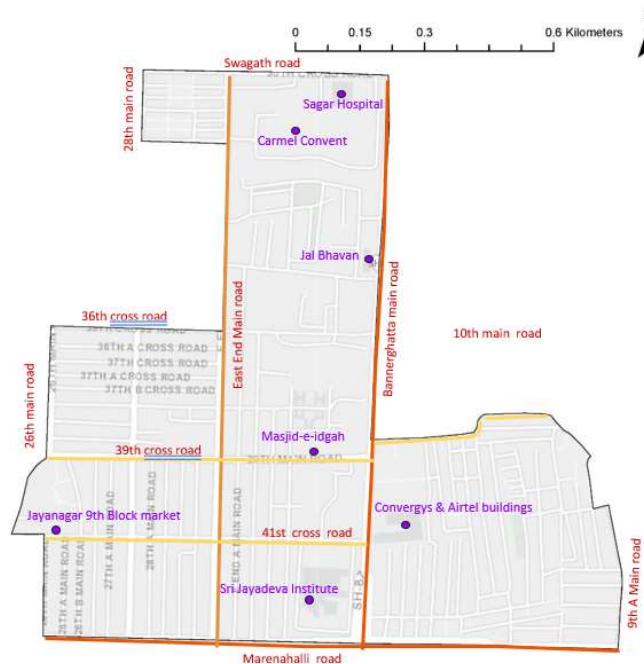


Figure 70 Map showing the major roads and trip attraction points in Jayanagar East ward

Parking allocation

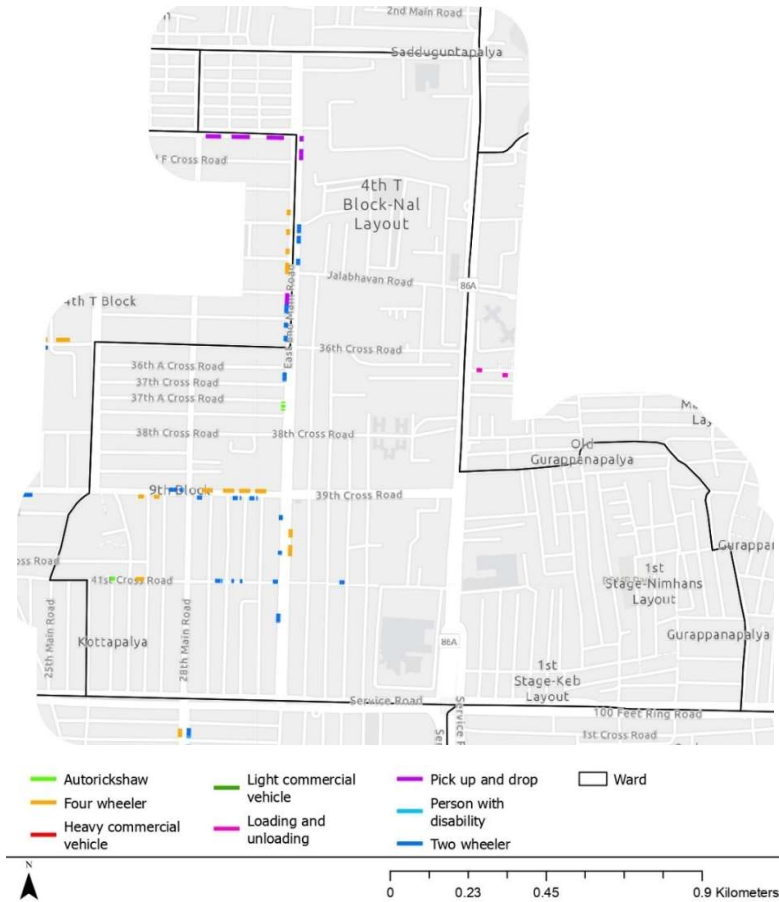


Figure 71 Map showing the mode wise parking allocation in Jayanagar East ward

Ward 171 – Gurappanapalya ward

Demographic Details

The ward an area of 0.68 sq.km has a population of 35828 with a density of 52688 persons per Sq.km.

Existing Land use

1. Residential: Residential area dominates the Ward
2. Commercial: Commercial mix dominates the commercial landuses

Transportation network

The major roads in this ward are 100 ft ring road and Bannerghatta main road.



Figure 72 Map showing the major roads and trip attraction points in Gurappanapalya ward

Parking allocation



Figure 73 Map showing the mode wise parking allocation in Gurappanapalya ward

Ward 177 – JP Nagar ward

Demographic Details

The ward an area of 1.7 sq.km has a population of 28508 with a density of 15926 persons per Sq.km.

Existing Land use

Transportation network

The major roads in this ward are 100 ft ring and road,Bannerghatta main road.

Major Landmarks

The major landmarks in this ward are bangalore Central and ragigudda temple.

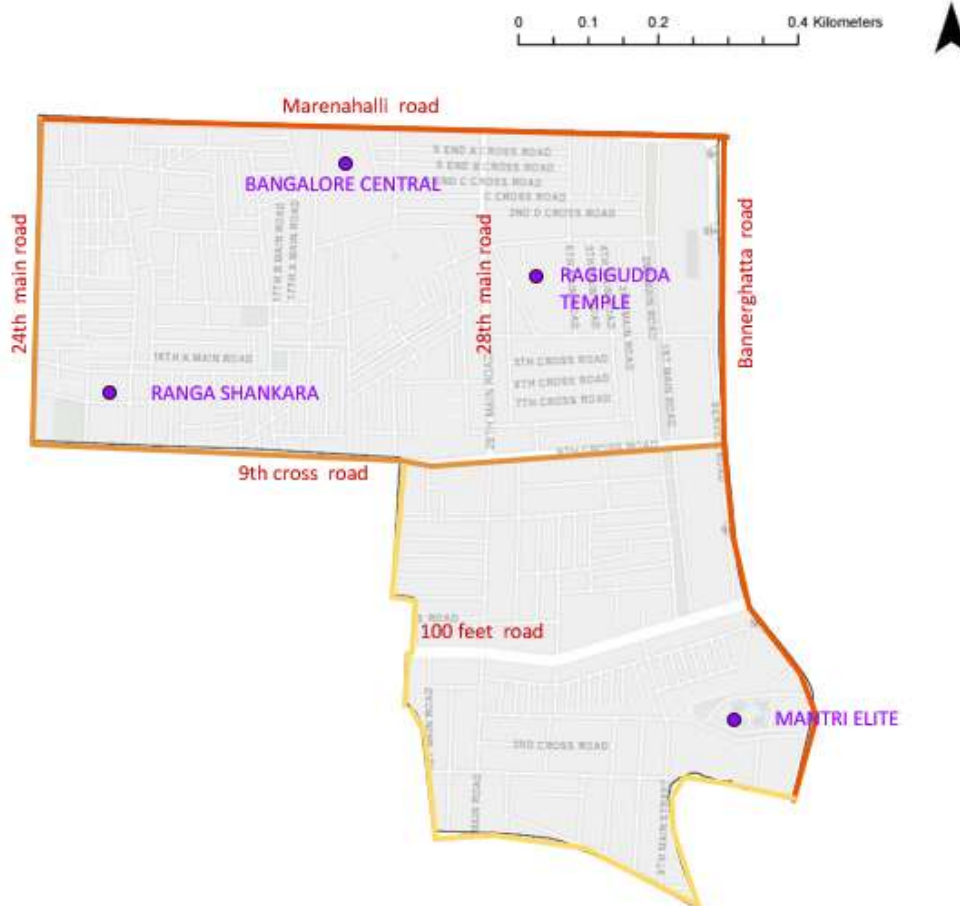


Figure 74 Map showing the major roads and trip attraction points in J P Nagar ward

Parking allocation

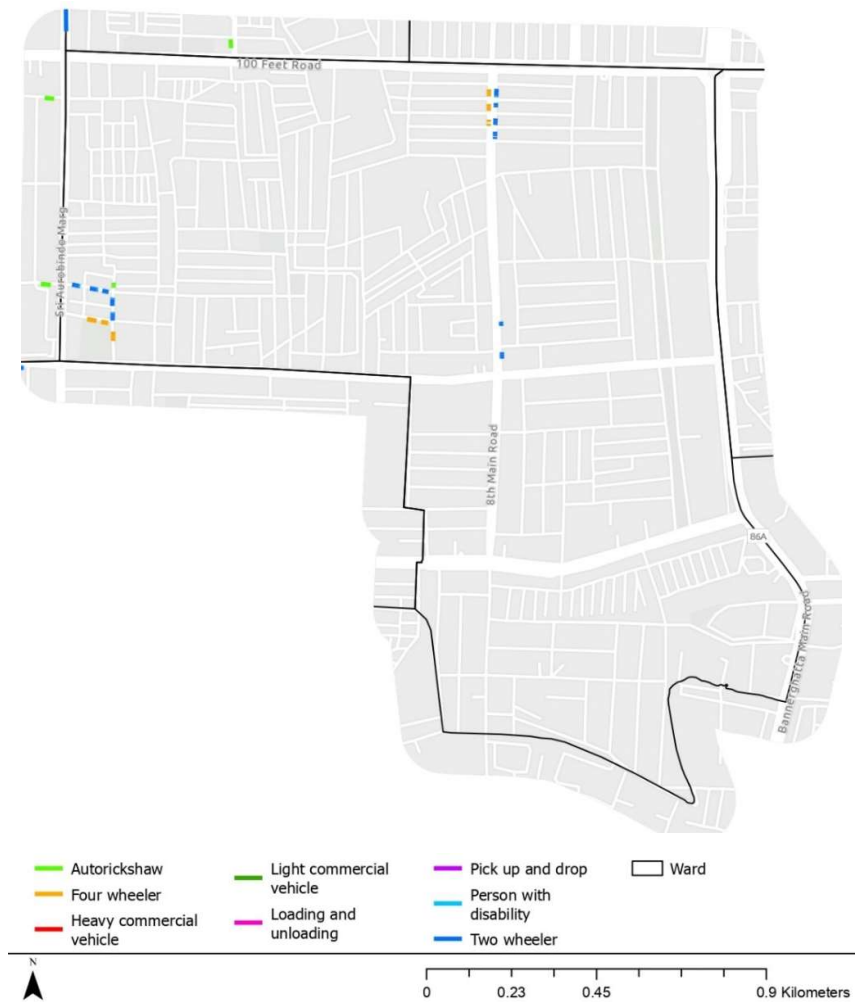


Figure 75 Map showing mode wise parking allocation in JP nagar ward

Ward 178 – Sarakki ward

Demographic Details

The ward an area of 1.3 sq.km has a population of 26707 with a density of 26707 persons per Sq.km.

Existing Land use

The are is dominated by residential, C3, C4 commercial and Institutional land use.

Transportation network

The major roads in this ward are Outer ring road and Bannerghatta main road

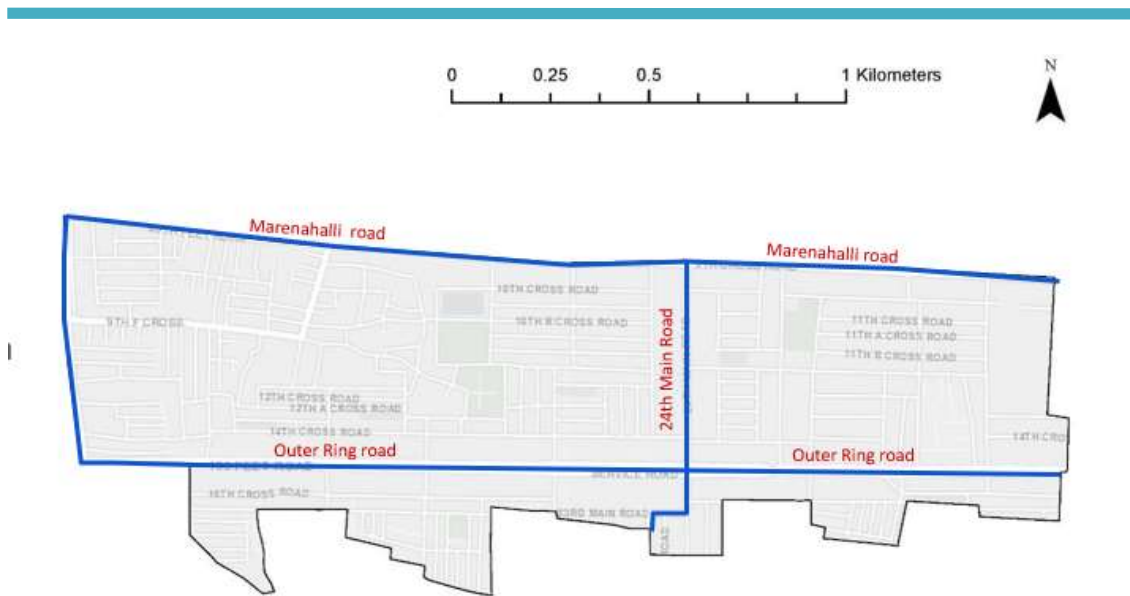


Figure 76 Map showing the major roads and trip attraction points in Sarakki ward

Parking allocation

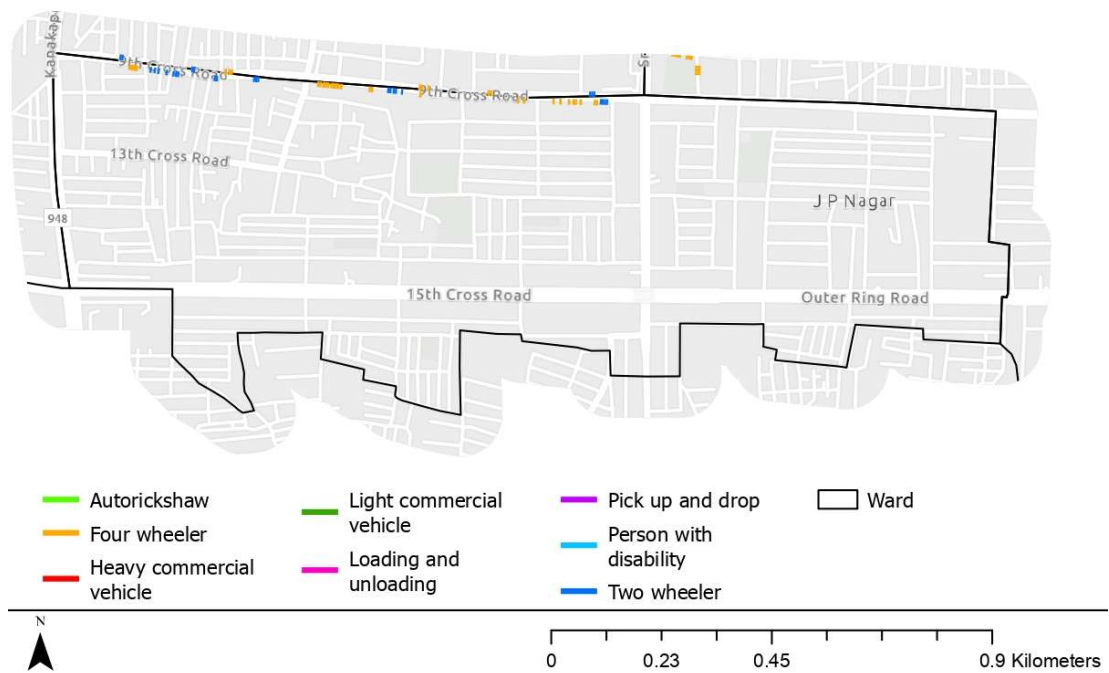


Figure 77 Map showing the mode wise parking allocation in Sarakki ward

Ward 179 – Shakambhari ward

Demographic Details

Shakambhari ward has an area of 1.85 sq.km has a population density of 12561 persons per Sq.km.

Existing Land use

This predominant land use is Residential. Though Commercial is also available but is only along main roads.

Transportation network

The major roads in this ward are RV Road, Marenhalli road, Kanakapura road, Sarakki road.

Major Landmarks

The major landmarks in this ward are RV Road, JSS College and Banshankari Metro Station.

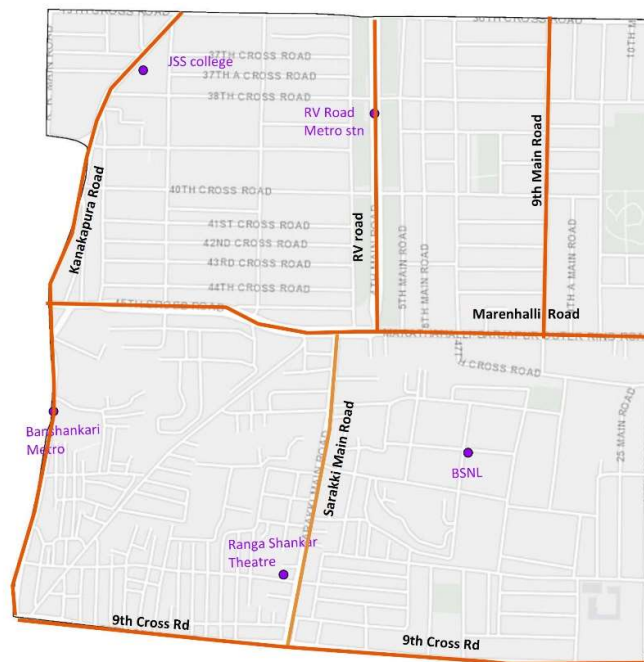


Figure 78 Map showing the major roads and trip attraction points in Shakambhari ward

Parking allocation

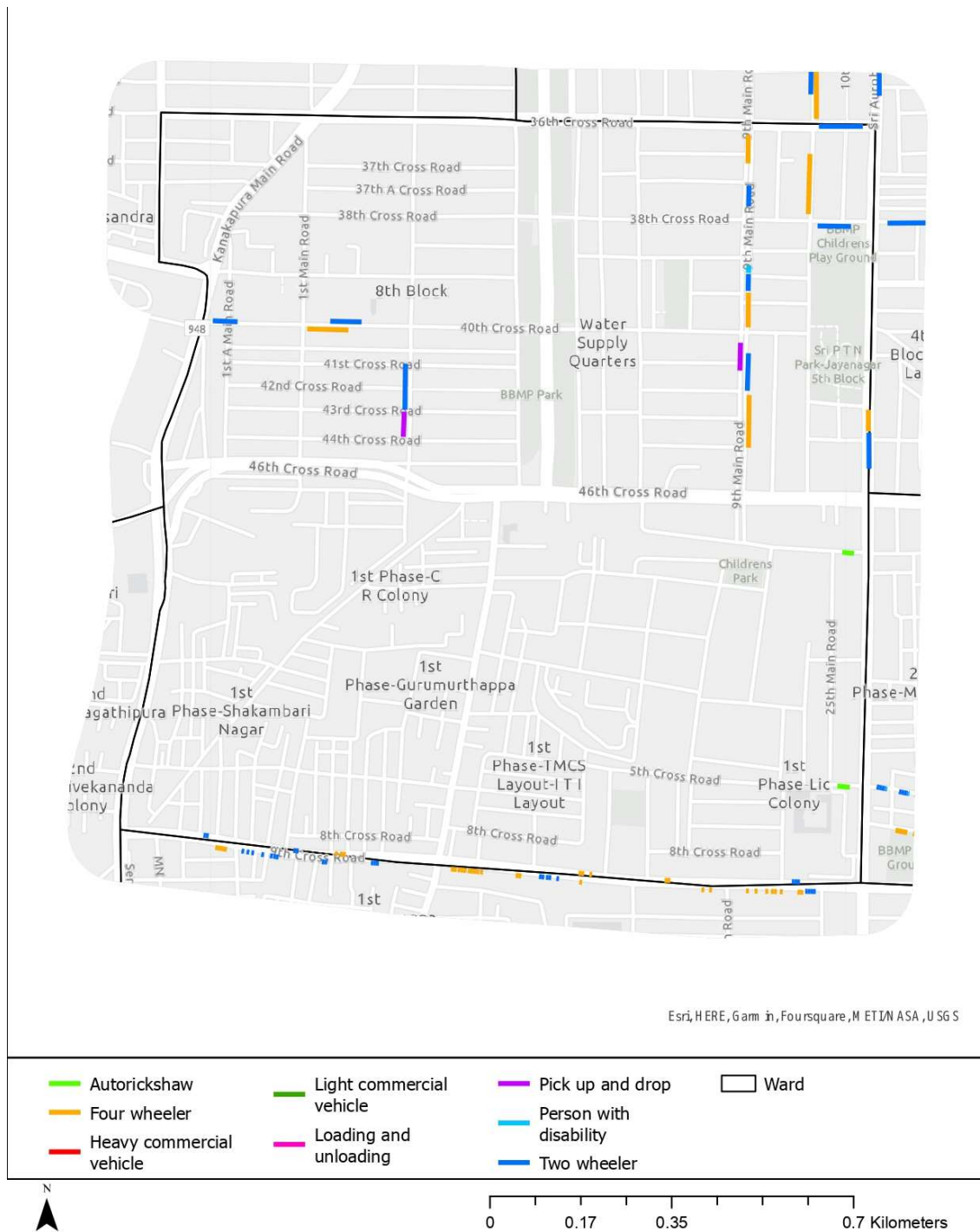


Figure 79: Map showing mode wise parking allocation Shakambari ward

Ward 154 – Basavangudi ward

Demographic Details

Basavanagudi ward with an area of 1.16 sq.km has a population density of 30782 persons per Sq.km.

Existing Land use

The major land use in this ward is residential, though major roads like Subrama Chetty St, DVG road, Nangasandra Road has commercial activity along them.

Other major land use is Public - Semipublic. This is due to presence of Bull temple and Maternity Hospital etc.

Transportation network

The major roads in this ward are Subbarama Chetty street, 2nd Main Road, Bull Temple Road, DBG Road, Nagasandra Main road

Major Landmarks

The major landmarks in this ward are Bull Temple, APS College, Government Maternity Hospital, etc.



Figure 80 Map showing the major roads and trip attraction points in Basavangudi

Parking allocation

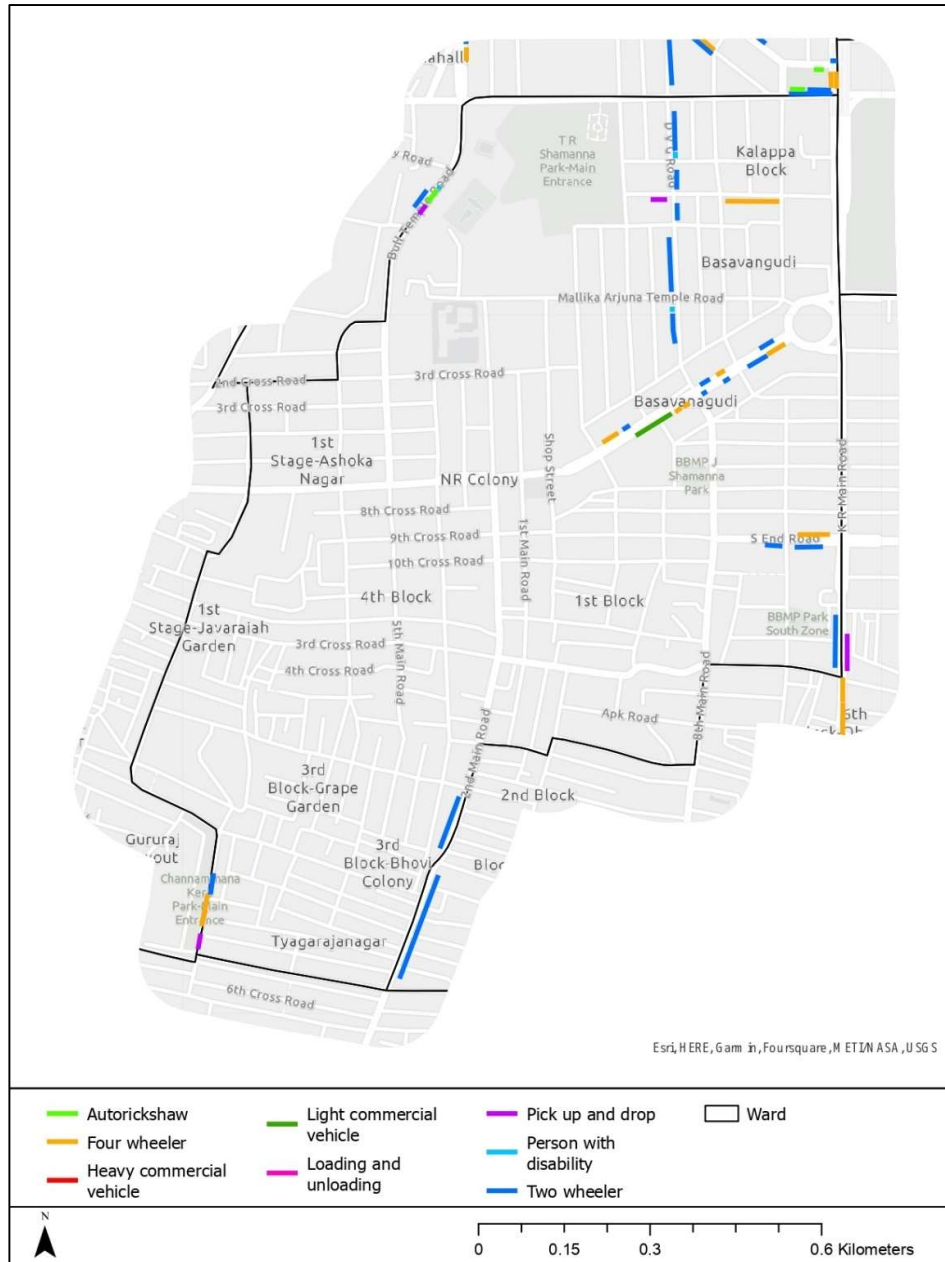


Figure 81: Map showing mode wise parking allocation in Basavangudi ward

Ward 165 – Ganesh Mandir ward

Demographic Details

Ganesh Mandir ward with an area of 1.85 sq.km has a population density of 12561 persons per Sq.km.

Existing Land use

The predominant land use is residential along with commercial on major roads. Area under Public - semipublic is also higher due to availability of Institutions.

Transportation network

The major roads in this ward are 9th Main Road, 30th Main Road, Outer Ring Road.

Major Landmarks

The major landmarks in this ward are Apollo national school, Aurobindo Memorial school, Kempegowda Institute of Medical sciences, BDA complex, BNM institute of technology, etc.



Figure 82 Map showing the major roads and trip attraction points in Ganesh Mandir ward

Parking allocation

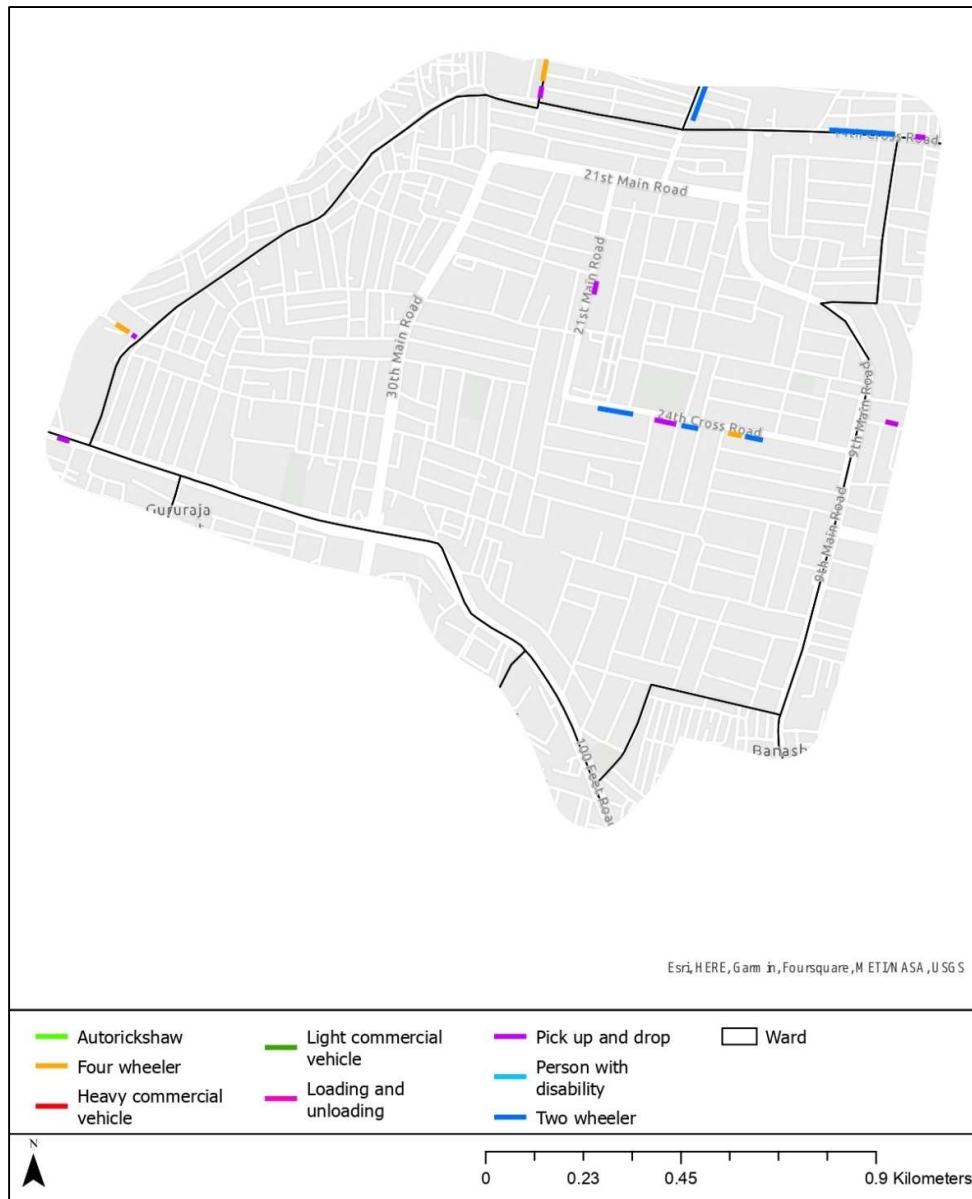


Figure 83: Map showing mode wise parking allocation in Ganesh mandir ward

Ward 166 – Karisandra ward

Demographic Details

Karisandra ward with an area of 1.11 sq.km has a population density of 27460 persons per Sq.km.

Existing Land use

Though Residential land use is predominant, Commercial is also considerable due to activity centres around KR road and Kanakapura road.

Transportation network

The major roads in this ward are KR Road, Kanakapura Road, 36th Cross road.

Major Landmarks

The major landmarks in this ward are Yediyur Government hospital, National College ground, NSVK Institute, etc.

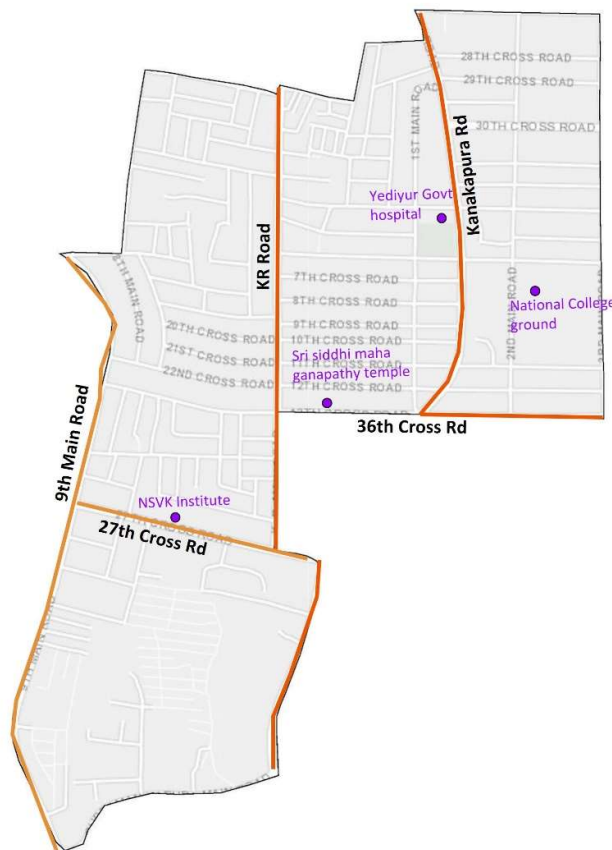


Figure 84 Map showing the major roads and trip attraction points in Karisandra ward

Parking allocation

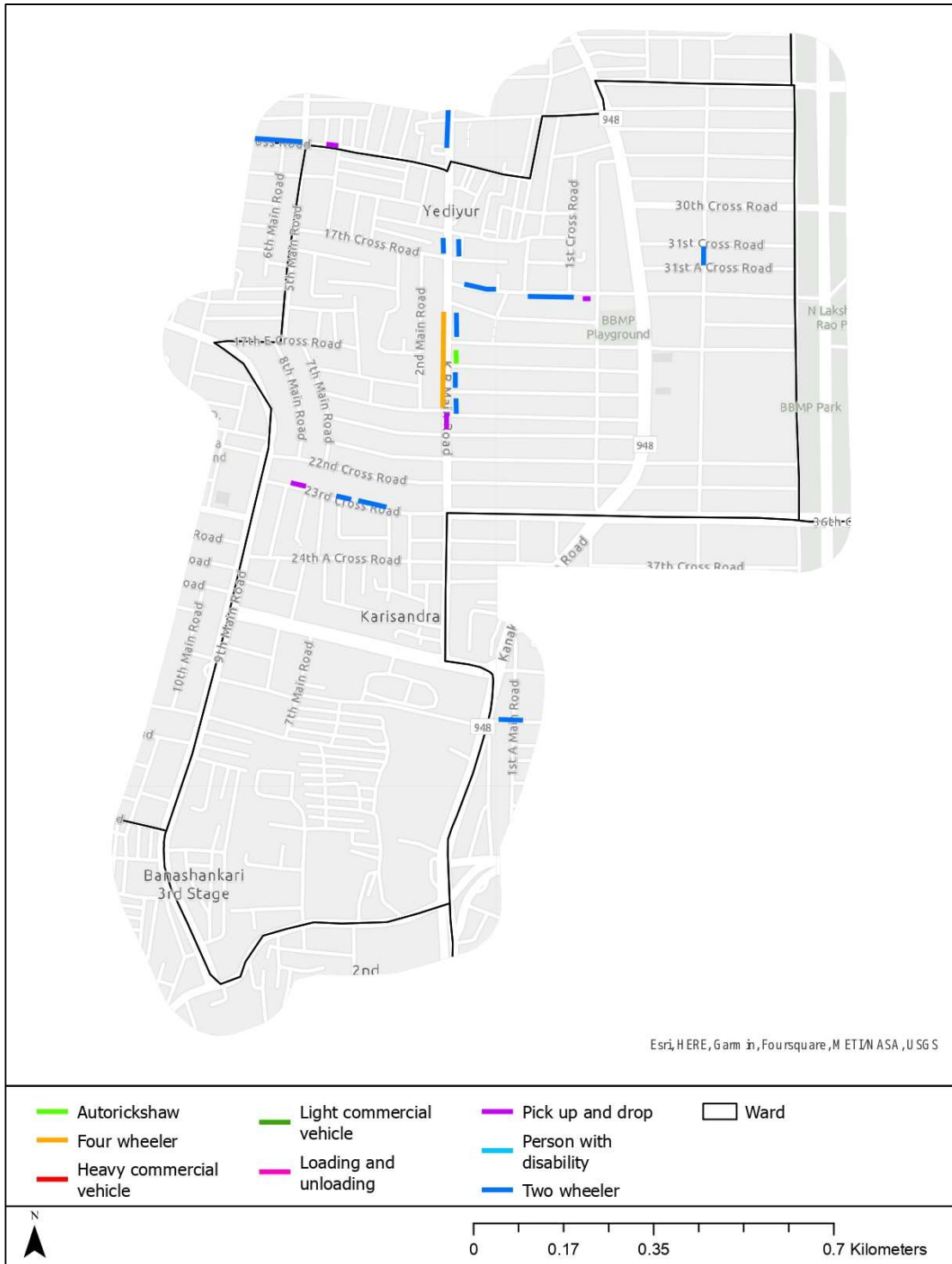


Figure 85: Map showing mode wise parking allocation in Karisandra ward

Ward 167 – Yedyur ward

Demographic Details

Yedyur ward with an area of 1.23 sq.km has a population density of 28122 persons per Sq.km.

Existing Land use

The predominant land-use is residential.

Transportation network

The major roads in this ward are KR Main Road, Kanakapura Main Road, 4th Main Road.

Major Landmarks

The major landmarks in this ward are Yedyur lake, HDC, etc.

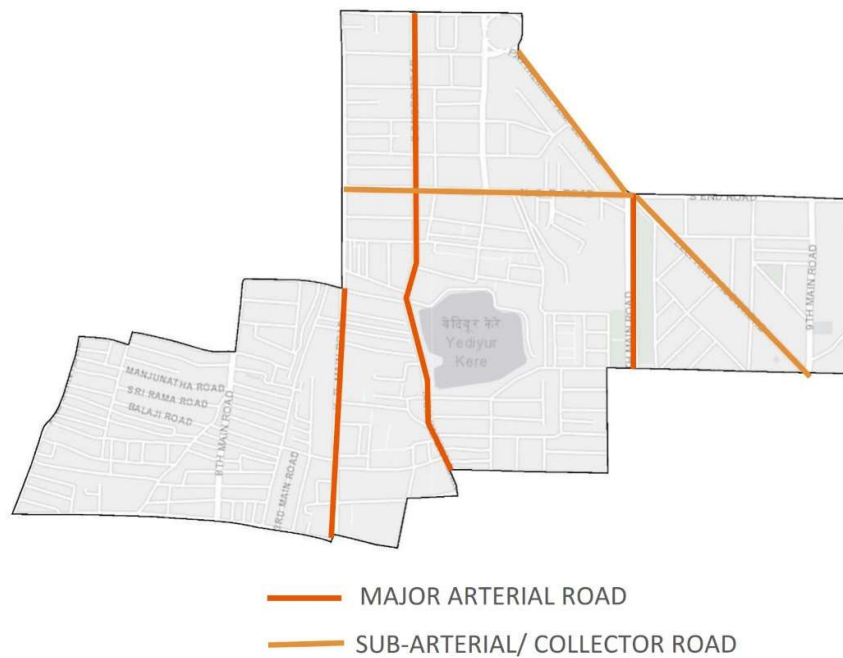


Figure 86 Map showing the major roads and trip attraction points in Yedyur ward

Parking allocation

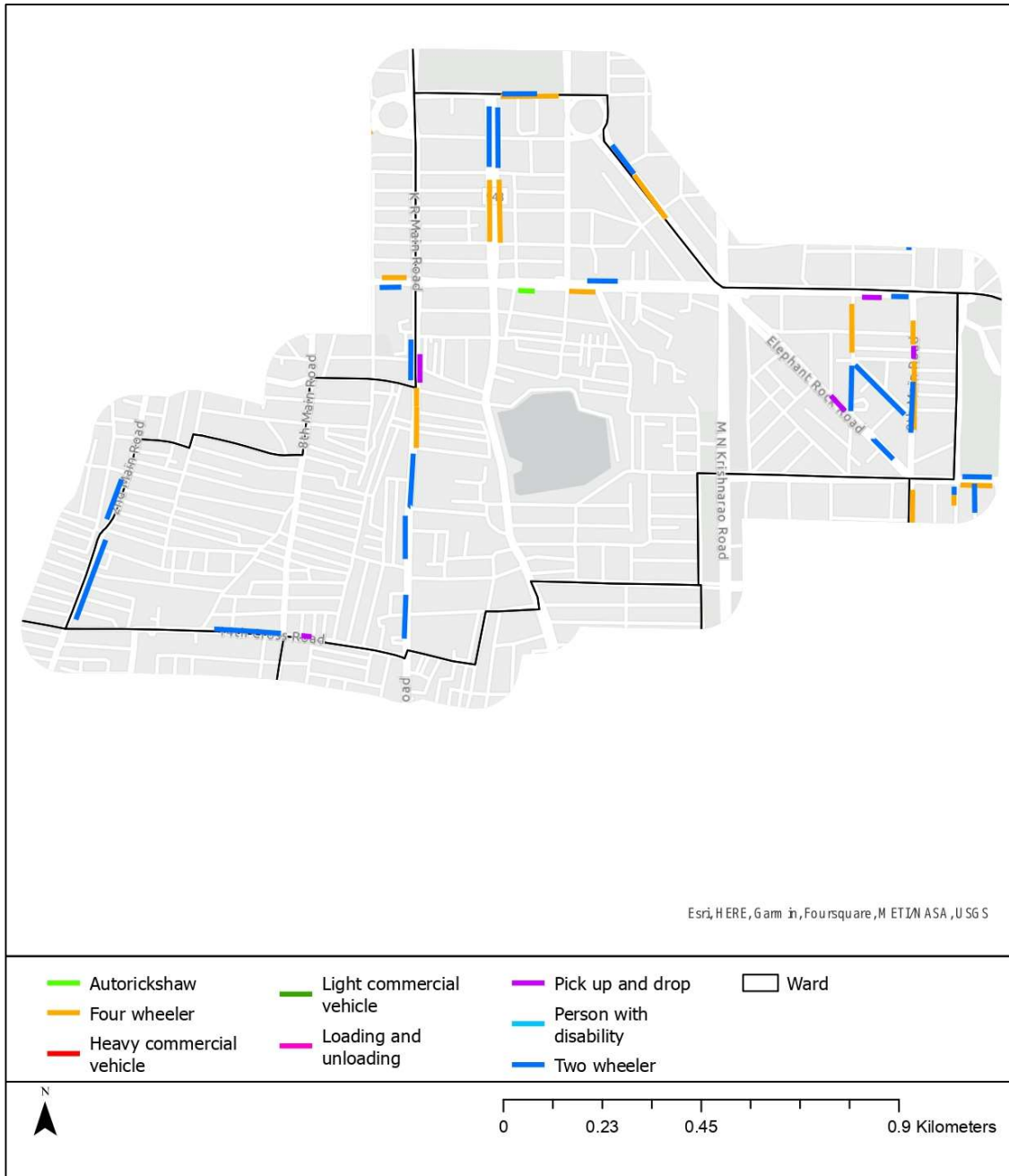


Figure 87: Map showing mode wise parking allocation in Yediyur ward

Ward 181 – Kumaraswamy Layout ward

Demographic Details

Kumaraswamy Layout ward with an area of 1.85 sq.km has a population density of 18921 persons per Sq.km.

Existing Land use

The predominant land use in this ward is Residential with very less Commercial and Institutional land use.

Transportation network

The major roads in this ward are 14th Main Road, 50 feet Road, Subash Chandra Bose Road, Subramanyapura Road, Outer Ring Road.

Major Landmarks

The major landmarks in this ward are Kumaraswamy layout Police station, Dayanad sagar college, Eidgah masjid, etc

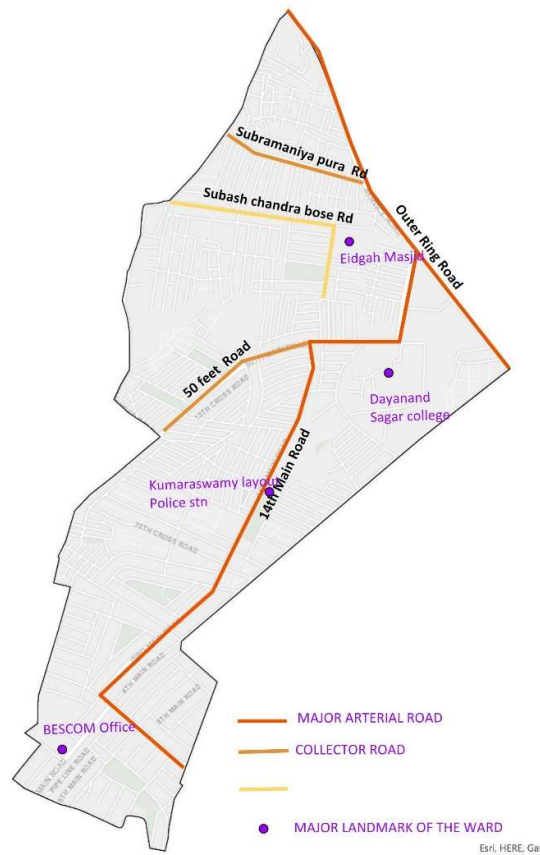


Figure 88 Map showing the major roads and trip attraction points in Kumaraswamy Layout ward

Parking allocation

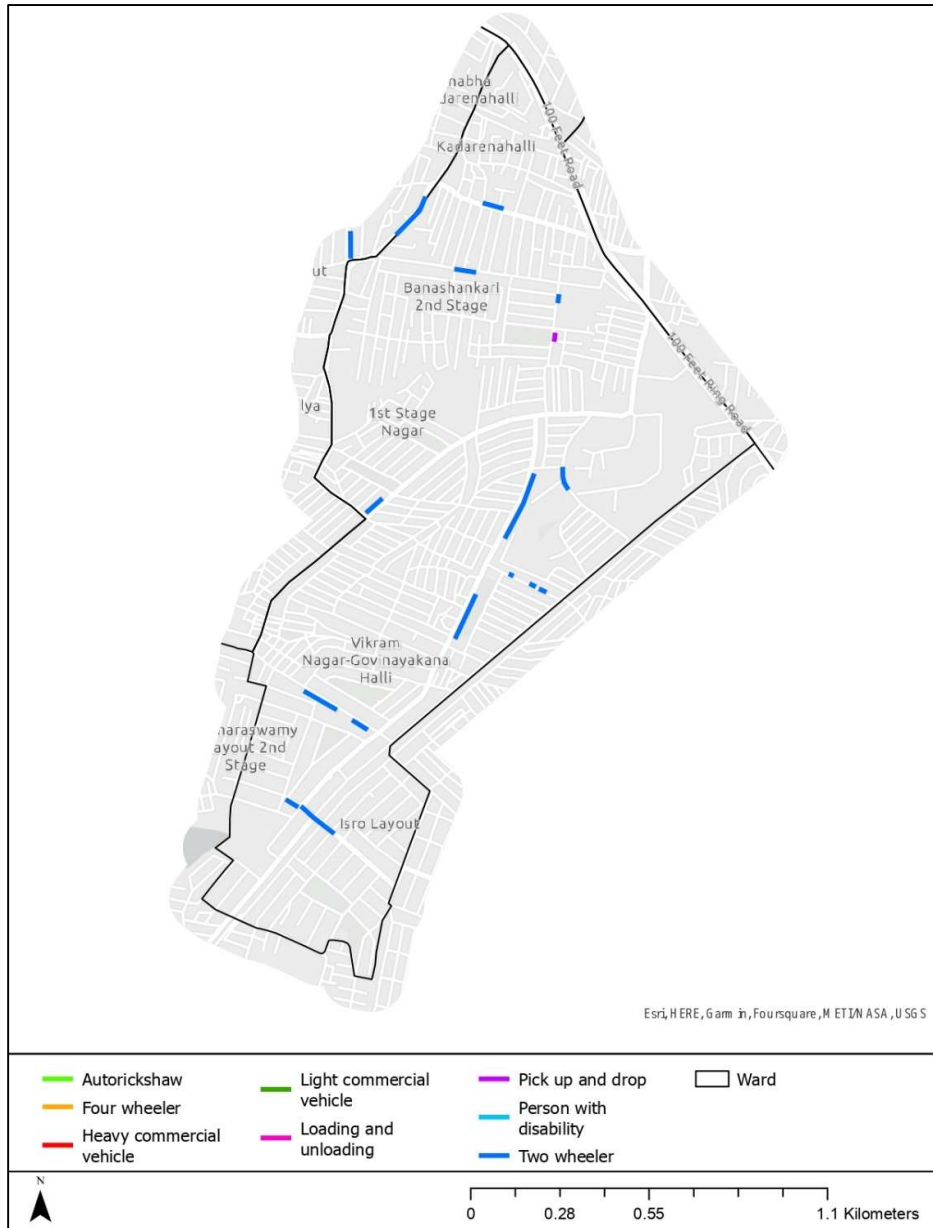


Figure 89: Map showing mode wise parking allocation Kumaraswamy layout

Ward 182 – Padmanabhanagar ward

Demographic Details

Padmanabhanagar ward an area of 1.69 sq.km has a population density of 15151 persons per Sq.km.

Existing Land use

The predominant land-use is residential.

Transportation network

The major roads in this ward are Outer Ring Road, 80 feet road, Subramanayapura road.

Major Landmarks

The major landmarks in this ward are Kittur Rani Chennamma circle, etc.

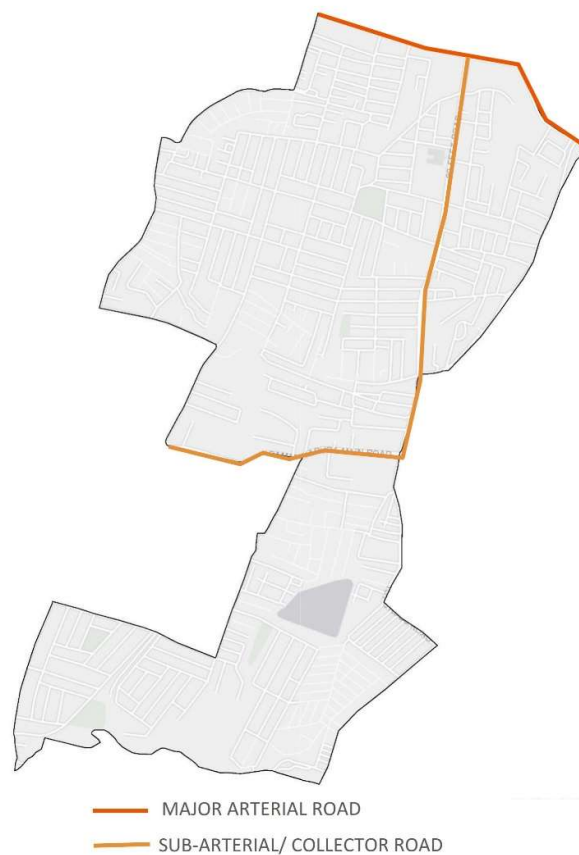


Figure 90 Map showing the major roads and trip attraction points in Padmanabha Nagar ward

Parking allocation

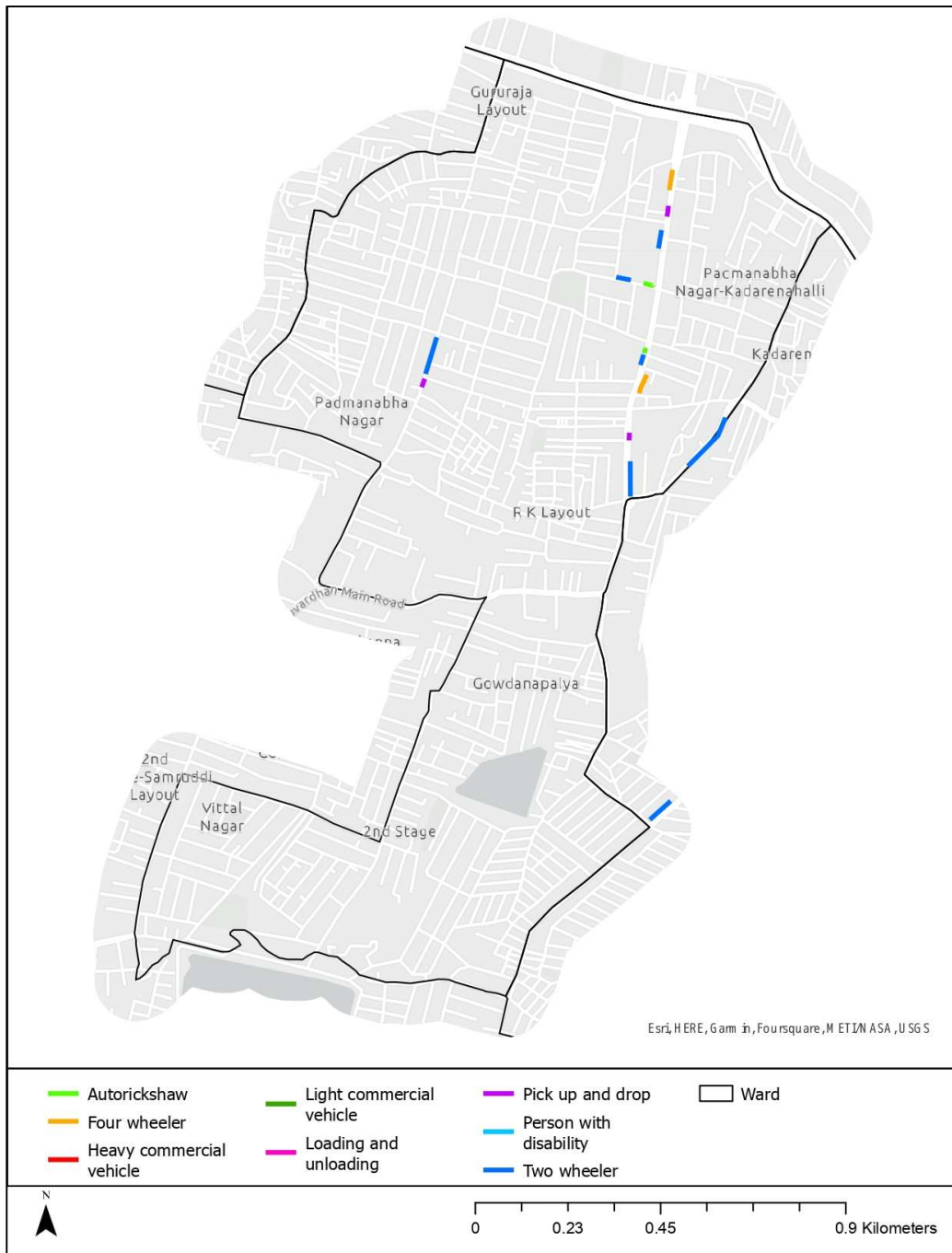


Figure 91: Map showing mode wise parking allocation Padmanabha nagar

Annexure 2 - Stake-holder meeting


Following are the proceedings of the meeting held with stakeholders under chairmanship of Joint commissioner, South zone.

Proceedings of the meeting regarding Area Parking Plan under the Chairmanship of Joint Commissioner, BBMP South on 17th November 2021 at 11:00 AM at the BBMP South Office, Jayanagar, Bangalore.

List of Attendees:

1. Joint Commissioner, BBMP South.
2. Chief Engineer, BBMP South.
3. DCP South Traffic.
4. B M Dharmendar Kumar, EE, Basavangudi.
5. S Manjunath Reddy, EE, Jayanagar.
6. Ashok Biradar, AEE, BTM.
7. Naveen Supekar V, Police Inspector, Banashankari
8. B L Beeregowda, RTO Jayanagar
9. H V Yarappa Reddy, EE Chikkapette, BBMP
10. Kalleshappa H B , AEE, Padmabanagar
11. Sharath Kumar K S, PSI
12. Vekatesha T, Police Inspector
13. Sharanappa Haldi, Police Inspector, Basawangudi Police Station
14. T K Parameswaram, Secretary, LCH RWA
15. Prakash MR, Treasurer, LCH RWA
16. Frank Mathew, Vice President, LCH RWA
17. Shamanth Kuchangi, Technical Head, DULT
18. Sylvia Prakash, Sr. Transport Planner, DULT
19. Richa Pandey, Sr. Transport Planner, DULT
20. Pratiksha Surupuriya, Asst. Transport Planner, DULT
21. Shalini Choudhary, Asst. Transport Planner, DULT

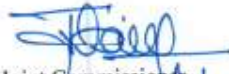
- The Joint Commissioner, South Zone, BBMP welcomed the attendees to the meeting and requested the Directorate of Urban Land Transport [DULT] to present the context of the meeting and brief on the parking plan prepared for the South Zone, BBMP.
- The Technical Head, DULT provided a brief on the parking policy 2.0 that has been approved by the Government of Karnataka [GoK]. It was mentioned that GoK has directed DULT to prepare Area Parking Plan for each BBMP zone in line with the directives of the Parking Policy 2.0.
- The policy prescribes that a committee be constituted under the Zonal Commissioner, BBMP


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with representatives from Traffic police and jurisdictional RTO for each zone to assist/monitor in preparation and implementation of Area parking plan for the respective BBMP Zones. The methodology adopted for the preparation of APP along with the application of Arc Collector GIS for data collection was also presented.

- DULT informed that a scientific methodology was adopted in the preparation of the APP which involved the collection of existing parking and road inventory data on a GIS based platform, standardization of parking arrangement bays and allocation of parking in line with the policy directives and the existing parking situation.
- It was informed that the current plans focus on the commercial /non residential parking for all the 44 wards of the South Zone and the residential parking plans through a permit system will be taken up subsequently.
- The agenda of the meeting is to seek feedback/inputs on the draft parking allocation plan prepared by DULT. It was also conveyed that the current plan only represents the draft parking allocation plans. Upon the in-principle approval for all the stakeholders [BBMP, BTP and RTO] the draft plans would be further detailed out for implementation.
- DULT made a ward wise presentation of the parking allocation plan including information on:
 - Ward Demography
 - Land use
 - Existing Parking
 - Proposed Parking plan
 - Road wise parking allocation plan
- The JC South Zone, mentioned that the plans prepared by DULT are very elaborate and have been prepared in a very methodological manner. It was suggested that the plan should be verified by the concerned ward engineers and the jurisdictional traffic police for each ward to ensure that the plan is practical for implementation. Accordingly, it was directed that Executive Engineers of each ward and the traffic police review the draft APP separately and put forth their opinion before this committee in a week's time.
- Mr. B M Dharmendar Kumar, EE, Basavangudi, was nominated as the nodal point of contact to coordinate the ward level consultations.
- The JC South zone mentioned that the next review meeting of the committee will be held on 26th November 2021 and ended the meeting with a vote of thanks.


Joint Commissioner
South Zone, BBMP
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Proceedings of the meeting regarding Area Parking Plan under the Chairmanship of Joint
Commissioner, BBMP South on 26th November 2021 at 11:00 AM at the BBMP South Office,
Jayanagar, Bangalore.

List of Attendees

1. Joint Commissioner, BBMP South.
2. Chief Engineer, BBMP South.
3. S Manjunath Reddy, EE, Jayanagar.
4. H V Yarappa Reddy, EE Chikkapette, BBMP
5. B M Dharmendar Kumar, EE, Basavangudi.
6. Mahadevaiah ASI, Jayanagar Traffic Police Station.
7. KN Rajesh, AEE, Basavangudi, Sub Division.
8. K R Shinesh Kumar, PSI, Banashankari Traffic Police Station
9. Sharanappa Haldi, Police Inspector, Basawangudi Police Station
10. Yathish A J, AEE (BSK), Padmabananagar.
11. P Janardhan AEE, Girinagar.
12. Ashok Biradar, AEE, BTM.
13. P Vanarahja, AEE, Kormangala.
14. Eshwari P. N., Police Inspector, Jayanagar traffic police station
15. R Nagesh, PSI, Adugodi
16. Shamanth Kuchangi, Technical Head, DULT
17. Sylvia Prakash, Sr. Transport Planner, DULT
18. Richa Pandey, Sr. Transport Planner, DULT
19. Cheekati Sriharsha Chowdary, Sr. Transport Planner, DULT
20. Anusree PP, Asst. Transport Planner, DULT
21. Pratiksha Surupuriya, Asst. Transport Planner, DULT
22. Shalini Choudhary, Asst. Transport Planner, DULT

- The Joint Commissioner, South Zone, BBMP welcomed the attendees to the meeting and requested the Directorate of Urban Land Transport [DULT] to present the details of the consultations carried out with the stakeholders on the parking allocation plans prepared for the South Zone of BBMP.
- DULT conveyed the consultation meetings with relevant stakeholders in the 6-Constituency of South zones were completed along with the necessary site visit and other feasibility check. The details as presented below:

South Zone Constituency	Wards	Date of Meeting
BTM	146,147,148,151,152,172,173,176	23th Nov 2021


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Padmanabha Nagar	161,165,166,167,180,181,182,183	23th Nov 2021
Vijayanagar	122,123,124,132,133,134,157,158	23rd, 24th and 25th Nov 2021
Chickpete	118,119,142,143,144,145,153	25th Nov 2021
Basavanagudi	154,155,156,162,163,164	19th Nov 2021
Jayanagar	168,169,170,171,177,178,179	19th Nov 2021

During the consultations, the non-residential roads where parking allocations were prepared were discussed.

A total of 262 non-residential roads were reviewed by the stakeholders, of which the parking allocation plans proposed for 179 roads were agreed upon and no inputs were made. The other 83 roads parking allocation plans had received comments/revisions.

DULT further reviewed the 83 roads and incorporated necessary corrections in the parking allocation plans for 48 roads while the remaining 35 roads parking allocation plans were not incorporated as they did not adhere to the parking policy design principles.

- Further, DULT presented ward wise parking allocation plans showcasing the input provided by the stakeholders alongside the agreed and disagreed parking allocation plan. The ward wise details of the identified roads, comments received by stakeholders and actions taken by DULT are as annexed. Few parking allocation plan that were mutually agreed upon were:
 - Ward 156: Removal of Two Wheeler parking proposed in front of PES College.
 - Ward 132: Provision of Two Wheeler and Four Wheeler parking on the Service Road adjacent to Attiguppe Metro Station based on the feasibility of space availability.
 - Off street parking spaces that were identified during the ward wise consultations.
- Based on the feedback from the stakeholders on the draft parking allocation plans, the JC, South Zone, BBMP, directed the following actions:
 - DULT to incorporate the above feedback and proceed ahead at preparing a Detailed Parking plan. The detailed design shall be supplemented by detailed plans, cross sections and cost estimates. The plans should also present the parking signage, pricing and technology plans necessary for the implementation of a parking plan.
 - The Executive Engineers, BBMP South were requested to coordinate with the DULT team regularly to discuss/update any changes in the parking plans proposed. With the need to identify off street parking spaces, the BBMP engineers were also requested to share details on any potential Off-street parking locations.
 - Upon the preparation of Detailed Designs, the Executive Engineers, BBMP South were directed to apprise the parking plans to the elected representatives of the wards for their review and comments.
 - The parking plans proposed shall ensure minimal social and environmental impact while prioritizing safety to its users.

ಜಂಟಿ ಆಯುಕ್ತರು (ದಕ್ಷಿಣ)
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ



shaping the way cities move

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