

# PART IV



**CHAPTER 34**  
**ZONING REGULATIONS**

### 34.1 General Guide Lines

- 1) All future developments/ constructions shall be in conformity with the provisions of the Master Plan for Adoor Town and the Kerala Municipality Building Rules in force, unless otherwise specified in these regulations or in any Detailed Town Planning Scheme in force.
- 2) For the implementation and enforcement of the proposals envisaged in this Master Plan, Adoor Municipal area has been zoned under various categories as shown below.

#### **Proposed Land Use**

1. Residential Use Zone
2. Commercial Use Zone
3. Mixed Use Zone
4. Public & Semipublic Use Zone
5. Industrial Promotion Zone
6. Traffic & Transportation Use Zone
7. Recreational Built up Zone
8. Recreational Open Space Zone
9. Dry Agricultural Use Zone
10. Environmentally Sensitive Zone
11. Sacred Groves
12. Detention/Retention Basin
13. Canal Bank Beautification
14. Proposed Green Strip (3,5,10 Meter)
15. Existing Water body

#### **Special Zones**

16. Special Zone (In Government/ Municipal owned land)
17. Special Zone (In Privately owned land)

Details regarding the nature of uses 'Permitted', uses 'Restricted' in each zone are given in Table 34.1. These regulations shall be enforced in conjunction with other specific provisions if any elsewhere in the Master Plan.

- 3) Uses 'permitted' in a zone cover the uses that can be normally accommodated in the relevant zone. Such uses may be permitted by the Secretary, Adoor Municipality (herein after referred to as Secretary). In some cases, it may be possible to permit some other uses also, which are not likely to affect the quality and environment in a zone specified for a particular use. Such cases have to be individually examined based on their performance characteristics and special locational factors. Such cases which come under this category are classified as 'Uses Restricted 1' and 'Uses Restricted 2'.

- a) **Uses Restricted- 1** Category deals with the restricted uses that may be permitted by the Secretary, Adoor Municipality with the concurrence of the Town Planner of the District Office of the Local Self Government Department (Planning), Pathanamthitta. (herein after referred to as Town Planner).
- b) **Uses Restricted- 2** Category deals with the restricted uses that may be permitted by the Secretary, Adoor Municipality with the concurrence of the Chief Town Planner concerned of the Local Self Government Department (Planning).
- 4) **“Uses prohibited”** are various objectionable uses in each zone which shall not be permitted under normal circumstances. All uses which does not come under ‘Uses Permitted’ or ‘Uses Restricted’ will be considered as ‘Uses prohibited’.
- 5) Any use not specified either in the ‘uses permitted’ or ‘uses restricted 1’ or ‘uses restricted 2’ category of a particular use zone but which is of a similar nature to any use ‘permitted’ or ‘restricted 1’ or ‘uses restricted 2’ in that particular use zone, may be permitted by the Secretary with the concurrence of the Town Planner.
- 6) Zoning regulations are not intended to prohibit existing uses that have been lawfully established prior to the enforcement of these regulations, unless otherwise specifically mentioned in this Master Plan. Zoning Regulations are essentially intended to help the competent authority in taking decision regarding granting or refusal of permits for land development and construction of buildings/structures.
- 7) If any portion of a zone is put to a ‘Use Prohibited’ as stated in Para 4, before coming into operation of this Master Plan, such use shall be termed as non-conforming use. A non-conforming use may be allowed to continue in its existing location and essential repairs and maintenance for the structure may be permitted by the Secretary, provided that the said use creates no adverse environmental influence in the zone. Addition, alteration or reconstruction, if found necessary as part of any mitigation measures may be permitted for such uses by the Secretary with the concurrence of the Town Planner. The total built up area of such non-conforming use shall not exceed 1.5 times the existing built-up area.
- 8) Existing areas and structures of archaeological importance and religious uses may be permitted to continue in all the zones and shall be treated as permitted uses.
- 9) Subject to the zoning regulations of the respective use zones, more than one use may be combined in a building/ plot, provided that the area of individual uses shall be limited to that prescribed for each such use in the zoning regulations of the respective zone.
- 10) Provisions under the Disaster Management Act 2005 and Environment Protection Act 1986 and any other applicable statutes as amended from time to time will prevail over the respective provisions of this Master Plan unless otherwise specified in the Master plan.
- 11) Silence Zone, as prescribed by the Noise Pollution (Regulation and Control) Rules, 2000 as amended from time to time, shall be applicable to such areas under this Master Plan.



- 12) Regulation of constructions and land developments on the sides of new roads / roads proposed for widening as per the Master plan shall be governed by the distance from the centerline of the existing road unless otherwise specified in the Master Plan or Detailed Town Planning Scheme in force or any Detailed Road Alignment approved by the Government. If widening on one side of any stretch of the road is constrained due to the physical barriers such as Water body, or any protected archaeological monuments/sites, the whole road widening required in that stretch shall be towards the other side. Constructions of retaining wall, compound wall, fence and gate may be permitted within the area reserved for road widening if the implementation of such road widening has not been initiated by concerned agency.
- 13) In the event of change in alignment of new road proposal in the Master Plan, after the commencement of land acquisition of the new alignment, the land parcels in stretches excluded from the original alignment may be changed to adjacent suitable land use zone with the concurrence of the Town Planner. This provision is applicable only to new road development proposals and not to widening proposal.
- 14) Operational constructions as defined in section 2(w) of Kerala Town & Country Planning Act 2016 shall be treated as permitted use in the Master Plan Area.
- 15) The Government shall have the power to issue clarifications in respect of technical Interpretations, if any, required on any of the provisions of the Master Plan in consultation with the Chief Town Planner concerned of the Local Self Government Department (Planning).
- 16) Expansion/modification of existing Public and Semi Public Institutions and their incidental uses to adjacent plots shall be treated as permitted use irrespective of the zone in which such adjacent plot lies, except in 'Existing Water body', 'Environmentally Sensitive Zone', 'Detention / Retention Basin', 'Sacred Groves', 'Recreational Open space Zone', 'Proposed Green Strip (3,5,10 Meter)', 'Existing roads to be widened', and 'Proposed New Roads' and the development regulations imposed by such Zoning.
- 17) Disaster mitigation projects by competent authorities shall be treated as permitted uses in all zones and agricultural uses may be permitted in all the zones.
- 18) Transmission / telecommunication towers, wireless stations, ATMs, water tanks, public utility buildings/structures, Electric charging stations for vehicles shall be treated as permitted uses in all zones except in land zoned as 'Existing Water body', 'Environmentally Sensitive Zone', 'Detention / Retention Basin', 'Sacred Groves', 'Recreational Open space Zone', 'Proposed Green Strip (3,5,10 Meter)'.
- 19) Local/ State/ Central Government or Public Sector Offices & Establishments, Projects of Central/ State Government, Local Self Government Institutions, Public Sector Undertakings and other Government Institutions may be permitted with concurrence of the Town Planner in all zones, except in 'Existing Water body', 'Environmentally Sensitive Zone', and 'Recreational Open Space Zone', irrespective of the zoning regulations, if such uses are not included in the

- permitted uses or uses restricted 1 or uses restricted 2 as per the zoning regulations applicable.
- 20) In land up to depth of 100 m, on either side of the road, having an existing or proposed width of 12 m or more (as per the Master Plan for Adoor Town-2045), uses permitted under Commercial Use Zone, Public & Semi-public Use Zone and Mixed Use Zone may be also permitted by Municipal Secretary in Residential use zone and Dry Agricultural Use Zone if not allowed otherwise by these zoning regulations. Provided that if a plot of land extends beyond this boundary, uses permitted as above may be provided for the entire plot.
- 21) In land up to depth of 250 m, on either side of the road, having an existing or proposed width of 18 m or more (as per the Master Plan for Adoor Town-2045), uses permitted under Commercial Use Zone, Public & Semi-public Use Zone and Mixed Use zone may be also permitted by Municipal Secretary in Residential Use zone and Dry Agricultural Use Zone if not allowed otherwise by these zoning regulations. Provided that if a plot of land extends beyond this boundary, uses permitted as above may be provided for the entire plot.
- 22) In case of uncertainty in identifying the alignment and boundary of water body, Thodu, River, Existing public road, and in the absence of survey boundaries for the same in the Proposed Land Use Map, it shall be referred to the actual position on ground as well as revenue records and decision taken by the Secretary in this regard shall be final.
- 23) If different land use zones fall within a single plot, all uses permitted as per zoning regulations of such land use zones may be permitted by the Secretary in the plot. If application submitted includes any of the restricted uses, the Secretary shall issue permit with the concurrence of the Town Planner/Chief Town Planner concerned as the case may be. However, for the part of the plot which comes under 'Existing Water Body', 'Environmentally Sensitive Zone', 'Detention / Retention Basin', 'Sacred Groves' and 'Recreational Open Space Zone', this provision shall not be applicable.
- 24) If public activities ceased or do not exist in a private land marked as public & Semipublic use zone, uses permitted/restricted in the surrounding land use zone as per the proposed land use map may be allowed in the plot with the concurrence of the Town Planner, if no records are available with the Municipality regarding any proposals for acquiring the particular land for any public use at the time of application of building construction or land development.
- 25) Survey detail as provided in the Master Plan is obtained from the Department of Survey and Land Records. During the preparation of the plan, Litho maps (cadastral survey) are compiled and geo-referenced by standard procedure. However, the survey number details, survey boundary and areas as available in the revenue records shall be final.
- 26) Every building should be provided with an appropriate technique such as Pipe composting/ Biogas plants/ vermicomposting etc. for processing organic waste at the source itself. Proper drawings should be supplemented with the building permit applications.
- 27) Solid Waste Management Unit, Sewage/ Septage Treatment Plant, Material Collection Facility

(MCF), Resource Recovery Facilities (RRFs) and Waste water Treatment Plant shall be treated as permitted uses in all zones except in 'Existing Water body', 'Environmentally Sensitive Zone', 'Detention / Retention Basin', 'Sacred Groves' and 'Recreational Open Space Zone' unless otherwise specified anywhere in the Master Plan.

- 28) No constructions other than side protection, drain covers and essential protection works are permitted in water bodies in the Master Plan. Also, no constructions obstructing the flow of water course are permitted in the Master Plan Area.
- 29) All existing ponds shall be preserved considering its infiltration characteristics, ground water recharging, environmental significance and aesthetic value.
- 30) No construction/land development shall obstruct/ reduce storm water drainage capacity in the area.
- 31) Large scale development projects in an area of 1 hectare or more, exceeding an investment of Rs.100 Crores, which provide direct employment (after commissioning of the project) to the tune of not less than 500 may be permitted in all zones except in 'Existing Water body', 'Environmentally Sensitive Zone', 'Detention / Retention Basin', 'Sacred Groves', 'Proposed Green Strip (3,5,10 Meter)', and 'Recreational Open Space Zone' if not included in the permitted uses or restricted uses as per zoning regulation applicable. In such cases, the recommendation of a committee with constitution as below shall be obtained, subject to satisfying the procedures laid out here under and the Secretary shall comply the same while issuing permit.

Also, adequate provision shall be made for supporting infrastructure such as water supply, sewerage, solid waste management, power supply etc. Separate systems for management of solid waste and sewage shall be provided and maintained by the developer at his cost. The project shall be completed within a period of 5 years or as suggested by the Committee.

#### **Procedure to be followed**

- a) The developer shall submit the project report, detailing the demand, feasibility and Environment Impact Assessment aspect of the project, together with the approval, if necessary, obtained from the Ministry of Environment and Forests, Government of India to the Convener of the committee and the convener shall make all arrangements for convening meeting of the committee at the earliest and the committee shall consider and dispose of the application within a period of one month from the date of receipt of the same.
- b) The constitution of the committee shall be as given under:
  - i. Principal Secretary/ Secretary to Government,  
Local Self Government Department

- Chairperson

- ii. The Director, Local Self Government Department (Urban) - Member
  - iii. The Chief Town Planner, Local Self Government Department (Planning) -Convener
  - iv. Town Planner - Member
  - v. Secretary, Adoor Municipality - Member
- c) The Convener shall fix the venue, date and time of the meeting in consultation with chairperson and shall be responsible for safe custody of records and communications thereof.
- d) The meeting shall be presided over by the Chairperson or in his absence by a member to be authorised by him.
- e) The quorum of the meeting shall be majority of the total number of members of the committee for the project.
- f) The developer shall also produce before the committee, all required clearances from the State and Central Government agencies concerned.



## 34.2 Zone Wise Land Use Regulations

Table 34-1 Zone Wise Land Use Regulations

Sl. No	Uses Permitted	Uses Restricted 1	Uses Restricted 2
1	<b>Residential Use Zone</b>		
(a)	<p>All Residential buildings including single or multifamily dwelling units, Residential Flats &amp; Apartments, Residential quarters, Lodging houses, Orphanages/Old Age Homes, Night Shelter, Hostels &amp; Boarding Houses, Places of Worship, Crematorium, Seminaries/ Convents / Ashram/ Mutt/Madrassa.</p> <p>Educational institutions essentially serving the needs of residential community such as Day Care, Crèche, Nursery Schools, Kindergartens and schools offering general education (up to Higher Secondary School level), Technical schools.</p> <p>Health institutions essentially serving the needs of residential community such as dispensaries, clinics (Out Patient), Diagnostic Centres, Rehabilitation centres, pain and palliative, Dialysis units etc. having a Built-up area limited up to 200m<sup>2</sup></p> <p>Community facilities such as Community Halls, Auditorium/ Wedding halls/ Convention centre /Recreational Clubs, Social Welfare Centres, Gymnasium /Yoga Centers/ Sports Centers, Indoor Court, Swimming Pool, Libraries, Reading Room etc. having a Built-up area limited up to 200m<sup>2</sup>.</p>	<p>Fuel Filling Stations</p> <p>Cremation Ground/ Crematorium, Burial Ground/ Common Vault.</p>	

	<p>Information Technology or Information Technology Enabled Service Building/ uses and their Ancillary Buildings - Built-up area limited up to 200m<sup>2</sup>.</p> <p>Shops, Professional Offices, Commercial Offices, Banks &amp; other Financial Institutions, Restaurants, Hotel, Canteen etc. having Built-up area limited Up to 200m<sup>2</sup>.</p> <p>Utility Installations and Civic Amenities essentially serving the needs of residential community such as Post office, Police station, Telephone exchange, Fire station, Tot lots, parks, Play grounds, Water treatment plants</p> <p>Plant Nurseries, Pump House, Smoke House, Fish farms, Dairy &amp; Dairy Farm, Poultry Farm, Zoological and Botanical Gardens / Bird Sanctuary, Camping Site, Wells and Irrigation Ponds incidental to residential community needs.</p> <p>Cottage Industries, House hold industries, Service Industries of non-nuisance Nature (See Annexure 34.1), Automobile workshops and service centre - Built-up area limited Up to 100m<sup>2</sup>.</p> <p>Turf Courts, Open Air Theatre, Outdoor Court, Open stage , Amphitheatre</p>		
<b>(b)</b>	<b>Provided that the access road has an existing or proposed width of 7 m minimum</b>		
	<p>Hospitals / Auditorium/ Wedding Halls/ Community halls/ Convention centre, Exhibition Centers and Art Gallery-Built-up area <b>all up to 500 m<sup>2</sup></b>.</p> <p>Cottage Industries, House hold industries, Service Industries of non-nuisance Nature (See Annexure 34.1), Automobile workshops and service centre with</p>	Higher Educational Institution	

	Built-up area <b>limited up to 200m<sup>2</sup></b> . Shops, Godowns/weighbridges/ Stacking Yards / Storage of Non-Hazardous materials, Professional offices, Hotels, banks & other financial institutions, Restaurants - Built-up area <b>limited up to 500 Sq.m</b>		
<b>(c)</b>	<b>Provided that the access road has an existing or proposed width of 10 m minimum</b>		
	Auditorium / Wedding Halls / Community halls /Convention centre Exhibition Centers and Art Gallery  Shops, Godowns/weighbridges/ Stacking Yards / Storage of Non-Hazardous materials, Professional offices, Hospital, Hotels, banks & other financial institutions, Restaurants - Built-up area <b>limited up to 1000 Sq.m</b>  Cottage Industries, Service Industries of non-nuisance Nature (See Annexure 34.1), Automobile workshops and service centre - Built-up area <b>limited to 500m<sup>2</sup></b> .	IT/ ITES parks	
<b>2</b>	<b>Commercial Use Zone</b>		
<b>(a)</b>	All Commercial Shops, Commercial establishment, Show Rooms, Shopping Complexes, Shopping Malls, Super or Hyper Markets, Commercial Offices, Professional Offices & Establishments, Banking and Financial Institutions, Business Houses, Restaurants etc.,  Single family residential buildings, Residential flats/Apartments. Lodge & Lodging Houses and Special Residential, Dormitories, Hotels, Canteen, Hostel, Boarding Houses, Tourist Resorts.	Fuel Filling Station Places of Worship  Hospitals, Clinics, Health centers, diagnostic centres, pain and palliative center –Built up area up to <b>500 Sq.m.</b>	Multiplex Complex

	<p>Educational Institutions, Training centers Built-up area <b>limited to 200m<sup>2</sup></b>.</p> <p>Day care, Creche, Nursery/ Kindergarten, Expansion of existing educational institutions.</p> <p>Hospitals, Clinics, Health centers, diagnostic centres, pain and palliative center, Medical Lab, Dispensaries Nursing Home, Palliative Care Centres -Built-up area <b>limited to 200m<sup>2</sup></b>.</p> <p>Social Welfare Institution, Library &amp; Reading Rooms, Clubs, Turf and Cultural Institutions - Built-up area <b>limited to 200m<sup>2</sup></b>.</p> <p>Auditorium/ Wedding halls/convention centres, Theatres, Movie halls, Parks &amp; Open Spaces, Stadiums &amp; Exhibition Grounds, Gymnasium / Yoga Centers / Sports Centers &amp; Indoor Games.</p> <p>Cottage industries, automobile workshops, automobile service stations, cold storage, service industries of non- nuisance nature (See Annexure- 34.1), weigh bridges, printing press, IT hardware / electronic industries - Built-up area <b>limited up to 200m<sup>2</sup></b>.</p> <p>Parking Buildings, Mechanised Parking, Parking Plazas etc.,</p> <p>Public Utility areas &amp; buildings, Plant Nursery, storage of agricultural produces and seeds, Fair Grounds, Markets, Park, Playgrounds, Open-air Theatre</p>	<p>Higher Educational Institutions, Training centers Built-up area <b>limited to 500m<sup>2</sup></b>.</p> <p>Sewage / Solid Waste Treatment plants, Modern Slaughter Houses, Modern Meat Processing Unit</p> <p>Cottage industries, automobile workshops, automobile service stations, cold storage, service industries of non- nuisance nature (See Annexure- 34.2), weigh bridges, printing press, IT hardware / electronic industries - Built-up area <b>limited to 500m<sup>2</sup></b>.</p>	
(b)	<b>Provided that the access road has an Existing or Proposed width of 10 m Minimum</b>		
	Cottage industries, automobile workshops, automobile service stations, cold	Outdoor games stadium	

	storage, service industries of non- nuisance nature (See Annexure - 34.1), weigh bridges, printing press, IT hardware / electronic industries - Built-up area <b>limited up to 1000m<sup>2</sup></b> . Hospitals, Clinics, Health centers, diagnostic centres, pain and palliative center –Built up area up to <b>1000 Sq.m.</b>	Transport terminals, Truck terminal	
<b>3</b>	<b>Mixed Use Zone</b>		
<b>(a)</b>	All Uses permitted in Residential Use Zone and Commercial Use Zone	All Uses Restricted-I in Residential Use Zone and Commercial Use Zone.	All Uses Restricted-2 in Residential Use Zone and Commercial Use Zone.
<b>(b)</b>	Multispecialty Hospitals, Higher Educational Institutions. Cottage industries, automobile workshops, automobile service stations, cold storage, service industries of non- nuisance nature (See Annexure- 34.1), weigh bridges, printing press, IT hardware / electronic industries	IT/ ITES parks	
<b>(c)</b>	<b>Provided that the access road has an Existing or Proposed width of 7m Minimum</b>		
	Marble and Granite Storage Centres, Industrial Estates & Industrial Parks Godowns/Warehouses/Storage of non-hazardous material, stacking yards, weigh bridge.	LPG distribution centres (excluding bottling plants and bulk storage) the Built-up area limited up to 200 m2.  Bus Terminals, Truck Terminals	



4	Public & Semi-public Use Zone		
(a)	<p>Local/State/Central Government/Public Sector Offices and Other Related Public Buildings, Additions and alterations to the existing authorised buildings including addition of new blocks without altering the use.</p> <p>Residential Building/Quarters/other buildings incidental to public and semi-public use Zone</p> <p>Dharmashala, Ashram, Mutt, Seminaries, Convents, Hostels Educational institutions (including professional education/collegiate education /higher education institutions) Day Care, Crèche, Nursery Schools, Kindergartens, Secondary/Higher Secondary Schools, Higher education and professional educational institutions, Training Centres, library and reading rooms, social welfare centres, museum, swimming pools, Auditorium, Open stage, Exhibition centres and art gallery, convention centres, indoor/ outdoor games stadium. Clinics, diagnostic centres and hospitals.</p> <p>Public Utility Areas and Buildings Government Offices/ Public Buildings/Utility Installations and Civic Amenities essentially serving the needs of residential community such as post office, police station, telephone exchange, fire station, tot lots, parks, play grounds, water treatment plants, and electric substations.</p> <p>Shops, Restaurants, Canteens, hotels – Built-up area <b>limited up to 200 sq.m.</b> Parking plazas, auto rickshaw/ taxi/jeep stands. Auditorium / wedding halls / community halls incidental to public and semi-public uses. Tot</p>	<p>Cremation Ground / Crematorium, Burial Ground, Common Vault. Slaughter house</p>	

	lots/parks/playgrounds, open air theatre, camping sites.  Places of worship and Religious buildings  Solid waste management units, Water Treatment Plant, Sewage / Septage Treatment Plant		
<b>5</b>	<b>Industrial Promotion Zone</b>		
<b>(a)</b>	<p>All industries other than obnoxious and nuisance type industries (see Annexure-34.1), Automobile Workshops &amp; Automobile Service Stations, Spray Painting Workshops, Saw Mills, Timber Yard, Plywood, Ice Factory, Cold Storage, Fish and Meat Processing Units, Printing Press, Water Treatment Plants, Marble and Granite Storage and Cutting Centres, Industrial Estates &amp; Industrial Parks, IT/ITES software units.</p> <p>Godowns/Warehouses/Storage of non-hazardous material, stacking yards, weighs bridge.</p> <p>Marble and Granite Storage Centres, Industrial Estates &amp; Industrial Parks</p> <p>Dairy and Dairy Farms, Dairy related Industries, Poultry Farms, Piggery Farm, Smoke House.</p> <p>Dry Cleaning Plants, Power Plants, Sub Stations</p> <p>Residential uses incidental to the Industrial Use including Hostels, Dormitories etc. Any other buildings essentially incidental to Industrial use.</p> <p>Tot lots, Parks and Play Grounds attached to incidental residential use.</p> <p>Single family residential buildings, Shops, Professional Offices, Commercial</p>	<p>Cremation Ground / Crematorium, Burial Ground, Common Vault.</p> <p>Obnoxious and nuisance type industries (See Annexure- 34.2),</p> <p>Storage of Explosives and Fire Works, Gas Godowns, Crusher Units.</p> <p>Fuel Filling Stations.</p> <p>Dharmashala, Ashram, Seminaries</p> <p>Mutt, Madrasa, Places of worship.</p>	

	<p>Offices, Banks &amp; other Financial Institutions, Restaurants, Canteen, Hotels, Libraries, Reading Rooms etc.- Built-up area <b>limited up to 200 sq.m</b></p> <p>Education, Health institutions essentially serving the needs of residential community such as dispensaries, clinics (Out Patient), Diagnostic Centres, Community facilities such as Community Halls, Recreational Clubs, Social Welfare Centres, Gymnasium /Yoga Centers, Swimming Pool- Built-up area <b>limited to 300 m2.</b></p> <p>Other Public Utility Areas and Public Buildings.</p> <p>Parking yards, Parking plazas, Parking lots, mechanised Parking.</p> <p>Solid waste management units, Water Treatment Plant, Sewage / Septage Treatment Plant, Slaughter House</p>	<p>Truck Terminal</p> <p>Crusher unit, stone crushing, stone carving, Hot Mixing Plant</p>	
<b>6</b>	<b>Traffic &amp; Transportation Use Zone</b>		
<b>(a)</b>	<p>Transport terminals including constructions that form an integral or essential part of the terminal.</p> <p>Any remunerative uses attached to the transport terminals as value capture mechanism such as commercial buildings, malls, retails shops, hotels, restaurants, canteens, convention halls, movie halls, lodges and dormitories, Quarters, Office Spaces, Educational Training centers, Professional, Medical Lab, Clinics &amp;Diagnostic Centers, Dispensaries, Neigh shelter, Health Club, IT Parks, Commercial Establishments, Library &amp; Reading rooms, Club, Nurseries/ Day Care and Crèche/ Anganwadis, Coaching Centres etc.</p> <p>Solid waste management units, Water Treatment Plant, Parking yards, Parking</p>	<p>Fuel Filling Stations</p> <p>Sewage Treatment Plant</p>	

	plazas, Public Utility Areas and Buildings, Weigh Bridge, Automobile Service Station.		
<b>7</b>	<b>Recreational Built Up Zone</b>		
<b>(a)</b>	<p>Tot Lots, Park, Play Grounds, Walk ways, recreational spaces, etc.</p> <p>Open air Auditorium, Open Stage, Garden , Landscaping, Statue, Yoga centers and meditation lawns, Open Gym, Amphitheater</p> <p>Planned Green space, Walk ways, Watch tower, Children's play area Museum, Exhibition Centres , Art Gallery, Planetarium, Open-air Theatre, Cultural centres, Cultural training centres, performing art theatres ,Tourist Home</p> <p>Street Furniture, Vending kiosk, Information Kiosk, Comfort station.</p> <p>Outdoor gym &amp; fitness stations, Botanical &amp; herbal garden (Ayurvedic / medicinal plants) Butterfly &amp; bird habitat zones</p> <p>Any incidental uses may be permitted with the main use.</p>		
<b>8</b>	<b>Recreational Open Space Zone</b>		
	<p>Tot Lots, Park, Play Grounds, Eco Walk ways , Landscaping, Bamboo Park, Butterfly Park, Pond</p> <p>Sponge Parks – Walk ways on pier, Garden/ / Planned Garden Eco-tourism Infrastructure facilities, Pump house, Detention/Retention basin, Watch Tower,</p> <p>Swimming Pools, Fish Spa, Zoological and Botanical Garden, Bird statuary.</p> <p>Hooking platform, Selfie point, Bridge, Lotus Pond</p> <p>Fish Landings, and Floating bridges.</p> <p>Storage shed for horticulture on stilts, wetland awareness and conservation</p>		

	<p>centres made of sustainable materials and designed on stilts.</p> <p>Traditional Agrarian Sports Arena, Water-Based Sports, Children's Agri-Play Zone, Agro-Adventure Park, Farm Stay Cottages / Eco-Lodges, Demonstration Farms, Interactive Crop Cultivation Areas</p> <p>And any non-built incidental use to main use without changing the character of the zone.</p> <p>Nectar Plants Garden, Butterfly Breeding / Rearing Station, Walkways and Trails, Resting and Observation Zones Seasonal Garden, Rotating plantings etc. Urban Forests / Mini Forests, Parks and Open Green Spaces, Native Plantation Garden.</p> <p>Biodiversity Parks or Eco-Islands, Buffer Zones / Green Buffers, Tree Preservation Areas, Recreational Forest Zones, Organic Garden or Herbal Garden Plots, Carbon Sequestration Zones, Gazebos, watchtowers, Man-made mini-forests, eco-toilets, or information kiosks made from sustainable materials without changing the character of the zone.</p>		
<b>9</b>	<b>Dry Agricultural Use Zone</b>		
<b>(a)</b>	<p>Agriculture, Horticulture and fodder cultivation, Pastures, Grazing ground, and other types of cultivation including social forestry and its Ancillary Buildings.</p> <p>Dairy/Piggery Farms, Fish farms, Seed farms, Poultry farms, Plant Nursery, pump house, wells and irrigation ponds.</p> <p>Tot Lots/Parks/Play Grounds, Zoological and Botanical Gardens / Bird Sanctuary, Camping Site</p> <p>Single Family Residential Buildings, Residential flats/ Apartments up to 3</p>	<p>Cremation ground/ crematorium, burial ground, common vault.</p> <p>Fuel Filling Stations</p>	



	<p>stories, Residential quarters, Lodges ,Hostels, Orphanages, Night shelters, old age homes, Retirement homes, Dharmasala, Ashrams, Mutts, madrasa, Seminaries, Convent.</p> <p>Day Care and Crèche, Anganwadi, Nursery / Kindergarten, Educational Institution up to higher secondary.</p> <p>Clinics (Outpatient) and diagnostic centres, Hospitals – Built-up Area limited up to 1000 m2.</p> <p>Place of worship, Auditorium/Communality hall/Convention Center, Library and Reading Rooms, Godowns/ Stacking yards/ warehouses/Storage – non-hazardous.</p> <p>Shops, professional offices, commercial offices and establishments, banking and financial institutions, Gymnasium, Yoga Centres, restaurants, canteens- Built-up area <b>limited up to 500 m2.</b></p> <p>Public Utility areas &amp; buildings such as Police Post/Police Station, Post and Telegraph office, Fire Post / Fire station, Telephone Exchange, and wireless Stations.</p> <p>Cottage Industries, Agro-based industries, House hold industries, plywood industries, Brick industries, Service Industries of non-nuisance Nature (See Annexure 34.1), Automobile workshops and service centre, Weigh Bridge, Bio gas plant, composting plant, Slaughter house</p>		
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<b>(b)</b>	<b>Provided that the access road has an existing or proposed width of 7 m minimum</b>		
	Hospitals , Health Centres and Higher Educational Institutions  Shops, professional offices, commercial offices and establishments, banking and financial institutions, Gymnasium, Yoga Centres, restaurants, canteens.  Marble and Granite Storage Centres, Industrial Estates & Industrial Parks  Home stays, Resorts.	Saw Mills and Timber yard  Industrial park  Storage of explosive and fireworks, Gas godowns,  Dumping yard, Sewage treatment plant, Solid waste treatment plant.  Truck terminal.  Crusher unit, stone crushing, stone carving, Hot Mixing unit	Multiplex Complex
<b>10</b>	<b>Environmentally Sensitive Zone</b>		
<b>(a)</b>	Paddy cultivation/ Agriculture/ Horticulture/ floriculture/ Fodder cultivation, Fish Farms/ Seed Farms/ Wells and Irrigation Ponds without any building construction, Pump House.  Sponge park, wetland park, Detention/Retention pond.  Addition, alteration or reconstruction of existing authorised buildings with total built up area not exceeding 1.5 times the existing built up area.	Minor Public Utility areas & Public utility buildings which will not affect the character of the area  Non-built Recreational projects.	
<b>11</b>	<b>Sacred Groves</b>		
<b>(a)</b>	Planting of saplings, afforestation and maintenance activities for the sacred groves		
<b>12</b>	<b>Detention /Retention Basin</b>		
<b>(a)</b>	Water-holding basins, Side protection walls, wet agriculture, aquaculture,	Water based non built	

	Pisciculture, Pond, Fish Farms/ Seed Farms/ Pump House/ Wells and Irrigation Ponds, Water Treatment Plant without any building construction incidental to main use without changing the character of the zone.	Recreational activities.  Addition, alteration or reconstruction of existing authorised buildings with total built up area not exceeding 1.5 times the existing built up area	
<b>13</b>	<b>Canal Bank Beautification</b>		
<b>(a)</b>	Eco tourism Infrastructure, Eco-walk way, Open library, water landing, hooking platform, pump house, side protection walls, fish farm, Parking, Bridge, and any incidental to main use without changing the character of the zone.  Bio-fencing & Grass Slopes, Floating / Vertical Gardens, Pedestrian Promenade / Walkways, Cycle Tracks & Jogging Paths, Open-Air Plazas, Children's Play Areas, Open Gym, Street Furniture,		
<b>14</b>	<p style="text-align: center;"><b>Proposed Green Strip (3,5,10 Meter)</b></p> <p>A' Proposed Green Strip' of 10 Meter width on either sides of Pallickal River with in the Town, 'Proposed Green Strip' of 5 Meter width along the boundary of 'Recreational Open Space Zone' in Survey Numbers 52(p),53(p),58(p),60(p),63(p),65(p),66(p), 67(p),85(p) &amp; 86(p) of Adoor Village and 'Proposed Green Strip' of 3 Meter width along the boundary of 'Environmentally Sensitive Zone' and 'Recreational Open Space Zone' as in Proposed Land Use Map 2045 (MP/02/I).</p>		
<b>(a)</b>	Agriculture/ Horticulture/ vegetable/ fodder cultivation, Vending on wheels, Eco walk way, Hooking platform, wooden view in deck, Fish farms, River Training Works , Shops on wheels  Fish Landings, Water treatment facilities, Park, Tree house, Play Grounds,	Addition, alteration or reconstruction of existing authorized buildings with total built up area not exceeding 1.5	

	Swimming Pools, Zoological and Botanical Garden. Wooden walk ways on stilts, wooden viewing platforms, Fish Spa, floating bridges. Open library, Children's park, Park/Playground, Fair ground, Turf, First aid stations, water landing, Pump house, / Wells & Irrigation Ponds, Side protection walls Horticulture/ Fodder Cultivation/ Pastures/ Grazing Grounds/ Seed farms and protective works. Bamboo park, Open Gym And any incidental Uses without changing the character of the zone.	times the existing built up area Minor public utility areas	
<b>15</b>	<b>Existing Water Body</b>		
<b>(a)</b>	Restoration and rejuvenation of water bodies.  Bridges, side protection walls, bathing ghats, floating jetty based on community level requirements.  Fishing and allied activities undertaken by local communities.		
<b>III</b>	<b>Special Zones</b>		
	SPECIAL ZONES: Developments in this zone may be permitted by Secretary of Adoor Municipality. The proposals which are marked as G1, G2, and G3etc... are proposed in government/ local body owned land. Municipality shall take initiation to get the project implemented by the respective department through proper intervention and if required, take necessary steps for transferring the ownership of such lands to the local body or concerned department/agencies implementing the project. Proposals which are marked as P1, P2, and P3 etc... are proposed in privately owned lands. Initiation of land acquisition for special zones shall be started within a period of 7 years from the date of sanctioning of this plan. If the acquisition proceeding has not been initiated within this stipulated period, these lands may be released and returned to that land use zone which may be deemed appropriate, based on the surrounding land uses and developments, with the concurrence of the Town Planner concerned.		

16	Proposed Innovation Hub [Adoor Village, Survey No 654(p), 655(p)]		
	G1	<p>IT/ITES software units, Information technology Enabled Service Building /ITES buildings and information technology/, Professional Offices, Commercial Offices, Banks &amp; other Financial Institutions Research Institutions and their Ancillary Buildings</p> <p>Auditorium/ Wedding halls/ convention center, Community halls, Gymnasium /Yoga Centers / Sports Centers , Start-up hub</p> <p>Parking Yard, Parking Building, Mechanised Parking, Parking Plaza.</p> <p>Turf, Park &amp; Open space, Swimming Pools, Playground, Open stages, Green houses</p> <p>Museum, Exhibition Centers and Art Gallery, Open-air Theatre, Amusement Parks, Stadium ,Fair Ground, Tot Lots/Parks/ Community facilities such as recreational clubs, Reading Rooms, libraries etc.</p> <p>Any incidental uses may be permitted with the main use.</p>	
17	Aquatic Complex & Cultural Centre [Adoor Village, Survey No 232 (p), 236 (p)]		
	G2	<p>Multipurpose Auditorium / Theater, Art Galleries &amp; Exhibition Halls, Library &amp; Digital Resource Centre, Workshops &amp; Studio Spaces, Heritage Museum / Cultural Pavilion, Amphitheatre, Conference &amp; Seminar Halls, Cultural Incubation Hub, Souvenir Shops, Retail shops and any other incidental uses to the main use</p>	



18	Municipal Stadium & Sports Complex [Adoor Village, Survey No 281 (p), 282(p),283(p), 285(p), 286(p), 287&288(p)]		
	<p><b>G3</b></p> <p>Stadium, Jogging track, sports complex, Clock Room, Locker Room Facility, Training centers, LED Board , Parking lots ,Parking Yard</p> <p>All Indoor and Outdoor sports and games infrastructure facilities including Hostels, dormitories, boarding houses, swimming pools, Gymnasium/ Yoga Centers/ Open Gym, assembly halls, auditoriums, Library, Reading rooms and all other such incidental uses</p> <p>Parking lot/ multi-level car parking, Parking plaza.</p> <p>Any incidental uses may be permitted with the main use.</p>	De-centralised waste treatment Plant	
19	Municipal Office Complex & Municipal Bus Stand [Peringanadu Village, Survey No 192 (p), 193(p)]		
	<p><b>G4</b></p> <p>Municipal Office Complex, Municipal Shopping Complex and all other construction/land development essential for the development/ improvement of Municipal Office Complex.</p> <p>All buildings and uses connected with Transportation and Communication such as Transport Terminals/ Bus Terminals/ Truck Terminals and Ancillary Structures</p> <p>Bus parking area with all incidental uses such as repairing shops, Restrooms, commercial establishments, cafeterias, Restaurant, Information centers, Travel plaza, Parking plaza, Travel Agencies, Online Ticket booking centers, Ticket counter, Auto Taxi, EV Charging Station.</p> <p>Public Utility Areas</p> <p>Any remunerative uses attached to the transport terminals as value</p>		

		capture mechanism such as commercial buildings, malls, retail shops, hotels, Nurseries/ Day Care and Crèche/ Anganwadis, Coaching Centres, office spaces, Community Halls, Recreation club, auditorium, Mall, Movie halls, Exhibition halls, convention halls, Art galleries, Museums, Gymnasiums, Library, Reading rooms, Lodging and dormitories, visiting lounges, One day home or “She” lodge for ladies, Quarters, Educational Training centers Offices, Professional Offices , Medical Lab, Clinics & Diagnostic Centers, Dispensaries, Commercial Establishments, Library & Reading rooms, Club, Nurseries/ Day Care and Crèche/ Anganwadis, Night Shelters, Health Club, Retails shops etc.		
<b>20</b>	<b>Revitalization of Parakode Market [Adoor Village, Survey No 881 (p), 882 (p), 883(p), 925(p) &amp; 926(p)]</b>			
	<b>G5</b>	<p>All commercial shops, Vending shops, Loading and unloading platforms</p> <p>Any construction/land development essential for the development/ improvement of Modern Municipal Market.</p> <p>Expansion or modernization of existing market and its ancillary uses</p> <p>Such as Modern Slaughter house, Modern Meat processing unit, Cold storage, Ice plant etc.</p> <p>Storage building including processing, repairing,</p> <p>Godowns/weighbridges/ Stacking Yards / Storage of Non-Hazardous materials, warehouses, transit sheds, handling &amp; stacking of risk free objects/products.</p>	Transport terminals, Truck terminal	

		Mechanised parking, Parking yard, Public Utility Areas and Public Utility Buildings. Solid waste treatment plants including MCF, RRF, Shredding units, Composting units, Segregations units.		
<b>21</b>	<b>G6</b>	<b>Gandhi Park Renovation[Adoor Village, Survey No 355(p)]</b>		
		Open air Auditorium, Open Stage, Open Gym, Parks & Open Spaces, Landscaping, Statue, Tot lots, Street Furniture, Vending kiosk, Information Kiosk and other Incidental uses which will not affect the character of the area. Any incidental uses may be permitted with the main use.		
<b>22</b>		<b>Municipal Town Hall and Parking Plaza [Adoor Village, Survey No 324 (p)]</b>		
	<b>G7</b>	Auditorium/ Wedding halls/ convention center, Community halls, Gymnasium /Yoga Centers / Sports Centers , Start-up hub Parking Yard, Parking Building, Multilevel Parking, Mechanised Parking, Parking Plaza. Municipal Shopping Complex, Retail shops, Offices and all other construction/land development essential for the development/ improvement of Municipal Town Hall and Parking Plaza		
<b>23</b>		<b>Transit - Resting Hub [Peringanadu Village, Survey No 94 (p)]</b>		
	<b>G8</b>	Hotels, Restrooms, Commercial establishments, Cafeterias, Restaurants, Fuel Filling Station Lodging and dormitories, night shelters, Visiting lounges, Automobile Workshops & Automobile Service Stations, Library, Reading rooms, Open Gym, Parks & Open Spaces, Garden, and Landscaping.		

		Parking yard, Multi-level car parking, Mechanized parking, Parking buildings/ parking plazas, Information kiosk, Electric Vehicle Charging Station, Vehicle repairing shops		
<b>24</b>	<b>Integrated Waste Treatment Plant [Adoor Village, Survey No 10 (p), 11(p),12 &amp; 13(p)]</b>			
	<b>G9</b>	Solid waste treatment plant and Buildings/structures incidental to it. Sewage Treatment Plant and its incidental uses along with beautification works like gardening etc. Parking yard, Multi-level parking, Mechanized parking etc.,		
<b>25</b>	<b>Proposed Fire &amp; Rescue Station [Adoor Village, Survey No 227 (p)]</b>			
	<b>G 10</b>	Fire & Rescue Station and its incidental buildings/uses.		
<b>26</b>	<b>Shopping Complex &amp; She Lodge [Adoor Village, Survey No 308 (p)]</b>			
	<b>G 11</b>	All shops including shopping complexes, shopping malls, movie halls, restaurants, hotels, Lodges dormitories, Rest House, Rest Rooms, Hostels, Health club, One day home or “She” lodge for ladies Markets. Professional offices, commercial offices & establishments, banking and financial institutions, ATM, IT software units, Movie halls. Parking yard, Multi-level car parking, Mechanized parking, Parking buildings/ parking plazas/ building used exclusively for parking of vehicles, Information kiosk, Electric Vehicle Charging Station Auto / Taxi stands, Public Utility Areas and Public Utility Buildings or Establishments Any incidental uses which may be permitted with the main use.		

<b>27</b>	<b>Crematorium &amp; Bio-park [Peringanadu Village, Survey No 62]</b>			
	<b>G 12</b>	Gas crematorium and its incidental uses Sipline , Bio Park, Garden, Land Scalping , Botanical Garden , Parking Plaza and Yard , Prayer Hall		
<b>28</b>	<b>Proposed Highway Travel Plaza [Peringanadu Village, Survey No 193 (p)]</b>			
	<b>G 13</b>	Vehicle repairing shops, Restrooms, Commercial establishments, Cafeterias, Restaurant, Lodging and dormitories, night shelters, Visiting lounges, Automobile Workshops & Automobile Service Stations, Library, Reading rooms, Open Gym, Parks & Open Spaces, Garden, Landscaping. Parking yard, Multi-level car parking, Mechanized parking, Parking buildings/ parking plazas, Information kiosk, Electric Vehicle Charging Station.	Fuel Filling Station	
<b>29</b>	<b>Proposed Agrarian Park &amp; Experience Centre [Adoor Village, Survey No 463 (p),466(p), 468(p)]</b>			
	<b>G 14</b>	Seed farm and Associated office building, Farm tourism experience centers, Pond, Selfie points, Tree house, Yoga center, meditation center etc., Agri Knowledge Center & Museum, Agro-Processing Demonstration Units, Farm Produce Market / Souvenir Shops, Gazebo, Visitor Orientation Center, Open-Air Amphitheatre, Tot Lots/Parks/ , Open-air Theatre, Zoological, and Botanical Gardens/Bird Sanctuary, Camping Site, Exhibition Centers & Art Gallery, recreational clubs. garden, eco-tourism infrastructure facilities,		



		Green houses, Plant nursery, Pump House, water storage and treatment plants, children's play area, ancillary and supporting uses related to tourism. Tourism information centre, comfort station ,Clock rooms Any remunerative uses attached to the Proposed Agrarian Park & Experience Centre as value capture mechanism such as Retail outlet, and all other incidental uses to the main use.		
<b>30</b>	<b>Proposed Empowerment Centre[Adoor Village, Survey No 773(p)]</b>			
	<b>G 15</b>	Empowerment center, Gymnasiums & health clubs, Yoga and pilates studios, Wellness Center, Therapy Center, Cultural Center, Open Stage, Skill development Center, Rehabilitation Center. Old age care center, Old age friendly park, Old age homes etc.		
<b>31</b>	<b>Fitlife Centre with Leisure Hub [Adoor Village, Survey No 622(p), 629(p)]</b>			
	<b>G 16</b>	All Indoor and Outdoor Courts, Swimming pools, Gymnasium / Yoga Centers / Open Gym, assembly halls, auditoriums, Library, Reading rooms and any such incidental uses without changing the character of the zone. Entertainment Venues, Free Wi-Fi Zones, jogging tracks,Exhibition halls, Open air theatre, Artesian emporium, Indoor stadium, Swimming pools, Comfort station etc. And any incidental uses to the main use		

32	<b>Proposed Civic Arcade [Adoor Village, Survey No 881 (p)]</b>		
	<b>G 17</b>	<p>Open air Auditorium, Open Stage, Open Gym, Parks &amp; Open Spaces, Exhibition Grounds, Garden, Landscaping, Statue, Tot lots, Street Furniture, Vending kiosk, Information Kiosk.</p> <p>All Commercial Shops, Commercial establishment, Shopping Complexes, Shopping Malls, Super or Hyper Markets, Commercial Offices, Professional Offices &amp; Establishments, Banking and Financial Institutions, Business Houses, Restaurants etc.,.</p> <p>Social Welfare Institution, Library &amp; Reading Rooms, Clubs and Cultural Institutions.</p> <p>Any incidental uses may be permitted with the main use.</p>	
33	<b>Urban Hangout Hub [Peringanadu Village Survey No 194 (p), Adoor Village Survey No 315 (p)]</b>		
	<b>P1</b>	<p>All Commercial Shops, Commercial establishment, Show Rooms, Shopping Complexes, Shopping Malls, Super or Hyper Markets, Commercial Offices, Professional Offices &amp; Establishments, Banking and Financial Institutions, Business Houses, Restaurants etc.,.</p> <p>Social Welfare Institution, Library &amp; Reading Rooms, Clubs, Turf and Cultural Institutions.</p> <p>Auditorium/ Wedding halls/convention centres, Theatres, Movie halls, Parks &amp; Open Spaces, Stadiums &amp; Exhibition Grounds, Gymnasium / Yoga Centers / Sports Centers &amp; Indoor Games.</p> <p>Any incidental uses may be permitted with the main use.</p>	Multiplex Complex

<b>34</b>	<b>Trade &amp; Expo Pavilion [Peringanadu Village, Survey No 186 (p)]</b>			
	<b>P2</b>	Exhibition Halls, Museum, Product Display Zones, Presentation Theatres, LED Board , Open air Auditorium, Open Stage, Fair Ground, Parks & Open Spaces, Exhibition Grounds, Garden, Landscaping, and Tot lots, Street Furniture, Vending kiosk, Information Kiosk, Comfort station. Parking yard, Multi-level parking, Mechanized parking, Parking buildings/ parking plazas, Electric Vehicle Charging Station. Any incidental uses may be permitted with the main use.		
<b>35</b>	<b>Proposed Turf [Adoor Village, Survey No 773 (p)]</b>			
	<b>P3</b>	Social Welfare Institution, Library & Reading Rooms, Clubs, Turf and Cultural Institutions Turf, Park & Open space, Swimming Pools, Playground, Open stages, Green houses Open Air theatre, open grounds, Wellness centers, Holistic centers, Yoga centre, Health club, Indoor Courts, Turf, Tot lots/Parks other recreational facilities, Gymnasium, Health Centre, Counselling centers, Community hall, Open library, Children"s park, Park/Playground, Fair ground, Turf, First aid stations, water		
<b>36</b>	<b>Proposed Women Skill Development Centre [Adoor Village, Survey No 279 (p)]</b>			
	<b>P4</b>	Empowerment center, Gymnasiums & health clubs, Yoga and pilates studios, Wellness Center, Therapy Center, Cultural Center, Open		

		Stage, Skill development Center, Training Center, Rehabilitation Center.		
<b>37</b>	<b>Transit-Resting Hub Extension Area [Peringanadu Village, Survey No 95(p),102(p)]</b>			
	<b>P5</b>	Vehicle repairing shops, Restrooms, Commercial establishments, Cafeterias, Restaurant, Lodging and dormitories, night shelters, Visiting lounges, Automobile Workshops & Automobile Service Stations, Library, Reading rooms, Open Gym, Parks & Open Spaces, Garden, Landscaping. Parking yard, Multi-level car parking, Mechanized parking, Parking buildings/ parking plazas, Information kiosk, Electric Vehicle Charging Station.	Fuel Filling Station	

### ANNEXURE 4.1

#### WARD WISE LAND USE BREAKUP

Ward	Land use									
	Residential	Commercial	Industrial	Public	Public (Except religious)	Agricultural	Total Park & Open Space	Total Transportation	Transportation -Bus terminal	Water bodies
1	2	3	4	5	6	7	8	9	10	11
Mithrapuram	0.3479	0.0055	0.0055	0.0020	0.0011	0.9330	0.0105	0.0885	0.0000	0.0040
E.V. Ward	0.4276	0.0007	0.0000	0.0099	0.0099	0.6342	0.0072	0.0562	0.0000	0.0467
Pannivizha	0.2988	0.0003	0.0000	0.0003	0.0003	0.2889	0.0181	0.0472	0.0000	0.0021
Civil Station	0.0707	0.0000	0.0000	0.0086	0.0059	0.4600	0.0038	0.0270	0.0000	0.0747
Javahar	0.3811	0.0044	0.0000	0.0202	0.0182	0.4864	0.1095	0.0755	0.0000	0.0151
Anandapally	0.2534	0.0040	0.0031	0.0081	0.0039	0.2998	0.0449	0.0649	0.0000	0.0799
Potharad	0.3642	0.0135	0.0073	0.0119	0.0049	0.9218	0.0457	0.0926	0.0000	0.0264
M.G. Ward	0.3330	0.0002	0.0005	0.0017	0.0017	0.6769	0.0235	0.0674	0.0000	0.0758
Bhagatsingh Ward	0.1562	0.0002	0.0000	0.0082	0.0071	0.6391	0.0019	0.0449	0.0000	0.0111
Nethagi Ward	0.2191	0.0010	0.0000	0.0117	0.0072	0.2968	0.0000	0.0340	0.0000	0.0014
Parakode East	0.1476	0.0231	0.0001	0.0104	0.0048	0.2918	0.0002	0.0247	0.0000	0.0163
Anantharamapuram	0.1819	0.0268	0.0000	0.0251	0.0146	0.1490	0.0163	0.0636	0.0000	0.0190
Parakode West	0.3759	0.0112	0.0003	0.0123	0.0100	0.2675	0.0016	0.0635	0.0000	0.0548
T.B Ward	0.1557	0.0027	0.0000	0.0336	0.0336	0.1723	0.0140	0.0280	0.0000	0.0124
Pannivizha East	0.1993	0.0000	0.0000	0.0161	0.0161	0.4450	0.0144	0.0536	0.0000	0.0809
Pampettu Kulam	0.2466	0.0012	0.0005	0.0040	0.0040	0.3298	0.0364	0.0537	0.0000	0.0143
Town East	0.2020	0.0838	0.0000	0.0308	0.0199	0.3954	0.0024	0.0647	0.0000	0.0255
Kannamkode	0.2394	0.0074	0.0058	0.0097	0.0097	0.2313	0.0115	0.0627	0.0000	0.0000
Ayyappan Para	0.3254	0.0011	0.0106	0.0126	0.0070	0.3004	0.0148	0.0841	0.0000	0.1100
Nellimoottil Padi	0.4646	0.0357	0.0000	0.0199	0.0199	0.4867	0.0283	0.0152	0.0000	0.0271
Town	0.2379	0.0610	0.0000	0.0416	0.0375	0.0847	0.0000	0.0644	0.0106	0.0012
Moonnalalam	0.2810	0.0019	0.0000	0.0101	0.0091	0.3988	0.0171	0.0683	0.0000	0.0475
Priyadarshini	0.3229	0.0010	0.0000	0.0088	0.0003	0.5271	0.0062	0.0417	0.0000	0.0462
Karuvatta	0.3539	0.0194	0.0035	0.0545	0.0467	0.2758	0.0120	0.0755	0.0000	0.0325
Puthiyakavilchira	0.2828	0.0059	0.0000	0.0256	0.0106	0.3832	0.0208	0.0685	0.0000	0.0212

Source : Land Use Survey 2010

### ANNEXURE 6.1

#### DETAILS OF MANUFACTURING INDUSTRIES

Sector	Type of Organization	Unit Category	Total Employ
Agro food, Beverage, Meat/ Fish Product and Processsing	Proprietary	Micro	12
Agro food, Beverage, Meat/ Fish Product and Processsing	Proprietary	Micro	4
Handloom, Coir & Handicraft items	Proprietary	Micro	1
Automobile Sevice / Repair	Proprietary	Micro	2
Garments and Textiles, Tailoring, Boutique, Apparal Designing, Ornaments	Proprietary	Micro	3
Garments and Textiles, Tailoring, Boutique, Apparal Designing, Ornaments	Proprietary	Micro	4
Agro food, Beverage, Meat/ Fish Product and Processsing	Proprietary	Micro	3
Other manufacturing activities	Proprietary	Micro	2
Personal Care Product and Seviles, Cosmetics, Wellness, Gymnasium, Martial Arts, Yoga	Proprietary	Micro	5
Electrical & Electronics Products and Services, IT and Mobile Hardware, Cable TV, Internet	Proprietary	Micro	2
Garments and Textiles, Tailoring, Boutique, Apparal Designing, Ornaments	Proprietary	Micro	2
Personal Care Product and Seviles, Cosmetics, Wellness, Gymnasium, Martial Arts, Yoga	Proprietary	Micro	4
Garments and Textiles, Tailoring, Boutique, Apparal Designing, Ornaments	Proprietary	Micro	4
Garments and Textiles, Tailoring, Boutique, Apparal Designing, Ornaments	Proprietary	Micro	6
Garments and Textiles, Tailoring, Boutique, Apparal Designing, Ornaments	Proprietary	Micro	4
Other Service Activities	Proprietary	Micro	3
Other Service Activities	Proprietary	Micro	3
Video/ Photo Processing, Media & Entertainment, Event Management, Printing & Publishing, DTP	Proprietary	Micro	2
Agro food, Beverage, Meat/ Fish Product and Processsing	Proprietary	Micro	1
Agro food, Beverage, Meat/ Fish Product and Processsing	Proprietary	Micro	2
Building Materials, Construction, Architecture, Structural Designing	Proprietary	Micro	1
Agro food, Beverage, Meat/ Fish Product and Processsing	Proprietary	Micro	2
Garments and Textiles, Tailoring, Boutique, Apparal Designing, Ornaments	Proprietary	Micro	2
Agro food, Beverage, Meat/ Fish Product and Processsing	Proprietary	Micro	4
General Engineering & Precision Engineering (Steel, Iron etc Products / fabrication)	Proprietary	Small	6
Wood Products	Proprietary	Micro	5
Wood Products	Proprietary	Micro	4
Wood Products	Proprietary	Micro	2
Wood Products	Proprietary	Micro	3
Garments and Textiles, Tailoring, Boutique, Apparal Designing, Ornaments	Proprietary	Micro	2

Building Materials, Construction, Architecture, Structural Designing	Proprietary	Micro	5
Other manufacturing activities	Proprietary	Micro	11
Building Materials, Construction, Architecture, Structural Designing	Proprietary	Micro	3
Agro food, Beverage, Meat/ Fish Product and Processsing	Proprietary	Micro	3
Other Service Activities	Proprietary	Micro	2
Agro food, Beverage, Meat/ Fish Product and Processsing	Proprietary	Micro	4
Wood Products	Proprietary	Micro	3
Building Materials, Construction, Architecture, Structural Designing	Proprietary	Micro	1
Building Materials, Construction, Architecture, Structural Designing	Proprietary	Micro	4
Garments and Textiles, Tailoring, Boutique, Apparal Designing, Ornaments	Proprietary	Micro	4
Wood Products	Partnership	Micro	6
Electrical & Electronics Products and Services, IT and Mobile Hardware, Cable TV, Internet	Proprietary	Micro	2
Building Materials, Construction, Architecture, Structural Designing	Proprietary	Micro	3
Agro food, Beverage, Meat/ Fish Product and Processsing	Proprietary	Micro	3
Agro food, Beverage, Meat/ Fish Product and Processsing	Proprietary	Micro	2
Building Materials, Construction, Architecture, Structural Designing	Proprietary	Micro	5
Automobile Sevice / Repair	Proprietary	Micro	4
Garments and Textiles, Tailoring, Boutique, Apparal Designing, Ornaments	Proprietary	Micro	4
Garments and Textiles, Tailoring, Boutique, Apparal Designing, Ornaments	Proprietary	Micro	2
Garments and Textiles, Tailoring, Boutique, Apparal Designing, Ornaments	Proprietary	Micro	4
Garments and Textiles, Tailoring, Boutique, Apparal Designing, Ornaments	Proprietary	Micro	7
Garments and Textiles, Tailoring, Boutique, Apparal Designing, Ornaments	Self Help Group-Individual	Micro	8
Video/ Photo Processing, Media & Entertainment, Event Management, Printing & Publishing, DTP	Proprietary	Micro	8
Agro food, Beverage, Meat/ Fish Product and Processsing	Proprietary	Micro	6
Agro food, Beverage, Meat/ Fish Product and Processsing	Proprietary	Micro	6
Agro food, Beverage, Meat/ Fish Product and Processsing	Proprietary	Micro	6
Agro food, Beverage, Meat/ Fish Product and Processsing	Proprietary	Micro	4
Building Materials, Construction, Architecture, Structural Designing	Proprietary	Micro	2
General Engineering & Precision Engineering (Steel, Iron etc Products / fabrication)	Proprietary	Micro	2
Wood Products	Proprietary	Micro	4
Building Materials, Construction, Architecture, Structural Designing	Proprietary	Micro	4
Building Materials, Construction, Architecture, Structural Designing	Proprietary	Micro	4
Garments and Textiles, Tailoring, Boutique, Apparal Designing, Ornaments	Proprietary	Micro	4
General Engineering & Precision Engineering (Steel, Iron	Proprietary	Micro	2



etc Products / fabrication)			
Other manufacturing activities	Proprietary	Micro	4
Plastic Products	Partnership	Micro	3
Other manufacturing activities	Proprietary	Micro	4
Other Service Activities	Proprietary	Micro	2
Garments and Textiles, Tailoring, Boutique, Appara l Designing, Ornaments	Proprietary	Micro	4
Other Service Activities	Proprietary	Micro	5
General Engineering & Precision Engineering (Steel, Iron etc Products / fabrication)	Proprietary	Micro	2
Automobile Service / Repair	Proprietary	Micro	2
Paper Products	Proprietary	Micro	3
Other manufacturing activities	Proprietary	Micro	3
Agro food, Beverage, Meat/ Fish Product and Processing	Proprietary	Micro	2
Other manufacturing activities	Proprietary	Micro	2
Garments and Textiles, Tailoring, Boutique, Appara l Designing, Ornaments	Proprietary	Micro	7
Other Service Activities	Proprietary	Micro	5
Agro food, Beverage, Meat/ Fish Product and Processing	Proprietary	Micro	1
Other Service Activities	Proprietary	Micro	1
Garments and Textiles, Tailoring, Boutique, Appara l Designing, Ornaments	Proprietary	Micro	3
Agro food, Beverage, Meat/ Fish Product and Processing	Proprietary	Micro	5
Garments and Textiles, Tailoring, Boutique, Appara l Designing, Ornaments	Proprietary	Micro	2
Agro food, Beverage, Meat/ Fish Product and Processing	Proprietary	Micro	5
Garments and Textiles, Tailoring, Boutique, Appara l Designing, Ornaments	Proprietary	Micro	3
Other manufacturing activities	Proprietary	Micro	1
General Engineering & Precision Engineering (Steel, Iron etc Products / fabrication)	Proprietary	Micro	4
Garments and Textiles, Tailoring, Boutique, Appara l Designing, Ornaments	Proprietary	Micro	5
General Engineering & Precision Engineering (Steel, Iron etc Products / fabrication)	Proprietary	Micro	6
Automobile Service / Repair	Proprietary	Micro	4
Electrical & Electronics Products and Services, IT and Mobile Hardware, Cable TV, Internet	Proprietary	Micro	1
Other Service Activities	Partnership	Micro	5
General Engineering & Precision Engineering (Steel, Iron etc Products / fabrication)	Proprietary	Micro	5
Wood Products	Proprietary	Micro	2
General Engineering & Precision Engineering (Steel, Iron etc Products / fabrication)	Proprietary	Micro	1
Video/ Photo Processing, Media & Entertainment, Event Management, Printing & Publishing, DTP	Proprietary	Micro	3
General Engineering & Precision Engineering (Steel, Iron etc Products / fabrication)	Proprietary	Micro	2
Agro food, Beverage, Meat/ Fish Product and Processing	Proprietary	Micro	2
Agro food, Beverage, Meat/ Fish Product and Processing	Proprietary	Micro	6
Building Materials, Construction, Architecture, Structural Designing	Proprietary	Micro	7

Video/ Photo Processing, Media & Entertainment, Event Management, Printing & Publishing, DTP	Proprietary	Micro	4
Agro food, Beverage, Meat/ Fish Product and Processsing	Proprietary	Micro	2
Garments and Textiles, Tailoring, Boutique, Appara Designing, Ornaments	Proprietary	Micro	5
Garments and Textiles, Tailoring, Boutique, Appara Designing, Ornaments	Proprietary	Micro	7
Agro food, Beverage, Meat/ Fish Product and Processsing	Proprietary	Micro	2
Agro food, Beverage, Meat/ Fish Product and Processsing	Proprietary	Micro	1
Plastic Products	Proprietary	Micro	2
General Engineering & Precision Engineering (Steel, Iron etc Products / fabrication)	Proprietary	Micro	3
Agro food, Beverage, Meat/ Fish Product and Processsing	Proprietary	Micro	2
Agro food, Beverage, Meat/ Fish Product and Processsing	Proprietary	Micro	3
Wood Products	Proprietary	Micro	2
Wood Products	Proprietary	Micro	4
Video/ Photo Processing, Media & Entertainment, Event Management, Printing & Publishing, DTP	Proprietary	Micro	3
Garments and Textiles, Tailoring, Boutique, Appara Designing, Ornaments	Proprietary	Micro	3
Agro food, Beverage, Meat/ Fish Product and Processsing	Proprietary	Micro	2
General Engineering & Precision Engineering (Steel, Iron etc Products / fabrication)	Proprietary	Micro	4
Agro food, Beverage, Meat/ Fish Product and Processsing	Proprietary	Micro	2
Wood Products	Proprietary	Micro	2
Garments and Textiles, Tailoring, Boutique, Appara Designing, Ornaments	Proprietary	Micro	6
General Engineering & Precision Engineering (Steel, Iron etc Products / fabrication)	Proprietary	Micro	4
General Engineering & Precision Engineering (Steel, Iron etc Products / fabrication)	Proprietary	Micro	2
Other Service Activities	Proprietary	Micro	2
Garments and Textiles, Tailoring, Boutique, Appara Designing, Ornaments	Proprietary	Micro	2
Agro food, Beverage, Meat/ Fish Product and Processsing	Proprietary	Micro	3
Garments and Textiles, Tailoring, Boutique, Appara Designing, Ornaments	Proprietary	Micro	2
Agro food, Beverage, Meat/ Fish Product and Processsing	Proprietary	Micro	3
Agro food, Beverage, Meat/ Fish Product and Processsing	Proprietary	Micro	3
Garments and Textiles, Tailoring, Boutique, Appara Designing, Ornaments	Proprietary	Micro	2
Video/ Photo Processing, Media & Entertainment, Event Management, Printing & Publishing, DTP	Proprietary	Micro	2
Electrical & Electronics Products and Services, IT and Mobile Hardware, Cable TV, Internet	Proprietary	Micro	1
Agro food, Beverage, Meat/ Fish Product and Processsing	Proprietary	Micro	2
Agro food, Beverage, Meat/ Fish Product and Processsing	Proprietary	Micro	4
Garments and Textiles, Tailoring, Boutique, Appara Designing, Ornaments	Proprietary	Micro	3
Personal Care Product and Seviles, Cosmetics, Wellness, Gymnasium, Martial Arts, Yoga	Co-operative Society	Micro	3

Garments and Textiles, Tailoring, Boutique, Appara l Designing, Ornaments	Proprietary	Micro	3
Garments and Textiles, Tailoring, Boutique, Appara l Designing, Ornaments	Proprietary	Micro	2
General Engineering & Precision Engineering (Steel, Iron etc Products / fabrication)	Proprietary	Micro	2
Glass Products	Proprietary	Micro	5
Video/ Photo Processing, Media & Entertainment, Event Management, Printing & Publishing, DTP	Proprietary	Micro	2
Agro food, Beverage, Meat/ Fish Product and Processsing	Proprietary	Micro	2
Wood Products	Proprietary	Micro	4
General Engineering & Precision Engineering (Steel, Iron etc Products / fabrication)	Proprietary	Micro	4
Garments and Textiles, Tailoring, Boutique, Appara l Designing, Ornaments	Proprietary	Micro	2
Other Service Activities	Proprietary	Micro	4
Video/ Photo Processing, Media & Entertainment, Event Management, Printing & Publishing, DTP	Proprietary	Micro	3
Building Materials, Construction, Architecture, Structural Designing	Proprietary	Micro	4
Agro food, Beverage, Meat/ Fish Product and Processsing	Self Help Group- Individual	Micro	5
General Engineering & Precision Engineering (Steel, Iron etc Products / fabrication)	Proprietary	Micro	2
Agro food, Beverage, Meat/ Fish Product and Processsing	Proprietary	Micro	4
General Engineering & Precision Engineering (Steel, Iron etc Products / fabrication)	Proprietary	Micro	3
Agro food, Beverage, Meat/ Fish Product and Processsing	Proprietary	Micro	8
Agro food, Beverage, Meat/ Fish Product and Processsing	Proprietary	Micro	2
Organic / Chemical Fertilzers	Partnership	Micro	5
Rubber Products	Proprietary	Micro	3
Building Materials, Construction, Architecture, Structural Designing	Proprietary	Micro	5
Building Materials, Construction, Architecture, Structural Designing	Proprietary	Micro	4
Agro food, Beverage, Meat/ Fish Product and Processsing	Proprietary	Micro	5
Garments and Textiles, Tailoring, Boutique, Appara l Designing, Ornaments	Proprietary	Micro	4
Agro food, Beverage, Meat/ Fish Product and Processsing	Proprietary	Micro	1
Wood Products	Proprietary	Micro	6
Agro food, Beverage, Meat/ Fish Product and Processsing	Proprietary	Micro	2
Agro food, Beverage, Meat/ Fish Product and Processsing	Proprietary	Micro	2
Agro food, Beverage, Meat/ Fish Product and Processsing	Proprietary	Micro	4
Garments and Textiles, Tailoring, Boutique, Appara l Designing, Ornaments	Proprietary	Micro	2
Building Materials, Construction, Architecture, Structural Designing	Proprietary	Micro	3
Agro food, Beverage, Meat/ Fish Product and Processsing	Proprietary	Micro	2
Total			570

Source : DIC, 2024

### ANNEXURE 6.2 DETAILS OF SERVICE INDUSTRIES

Sl. No	Type of Organization	Unit Category	Item	Total Employ
1	Proprietary	Micro	Dtp Photostat,	2
2	Proprietary	Micro	Printing Flex Offset,	3
3	Proprietary	Micro	Photostat Printing Lamination,	1
4	Proprietary	Micro	Mobile Sales And Service,	1
5	Public Sector Undertaking	Micro	Municipality,	20
6	Proprietary	Micro	Service Station,	10
7	Proprietary	Micro	Tailoring Stiching,	2
8	Proprietary	Micro	Beautyparlour ,	2
9	Proprietary	Micro	Dtp Photostat,	1
10	Proprietary	Micro	Dry Cleaning,	1
11	Proprietary	Micro	Stationary,,	1
12	Proprietary	Micro	Laboratory ,	3
13	Proprietary	Micro	Medical Shop,	2
14	Proprietary	Micro	Laboratory,	6
15	Proprietary	Micro	Driving School,	1
16	Public Sector Undertaking	Micro	Industries Service,	6
17	Proprietary	Micro	Pet Shop,	1
18	Proprietary	Micro	Pet Shop,	1
19	Proprietary	Micro	Electrical Items,	2
20	Proprietary	Micro	Mobile Accessories ,	2
21	Proprietary	Micro	Stationary,	1
22	Proprietary	Micro	Electric Works,	1
23	Proprietary	Micro	Clinic ,	2
24	Proprietary	Micro	Car Dealers,	9
25	Proprietary	Micro	Mobile Services,	2
26	Proprietary	Micro	Beautyparlour ,	1
27	Proprietary	Micro	Beautyparlour ,	3
28	Proprietary	Micro	Beautyparlour ,	4
29	Proprietary	Micro	Garments ,	3
30	Proprietary	Micro	Enterprises ,	2
31	Proprietary	Micro	Beautyparlour ,	2
32	Proprietary	Micro	Garments ,	3
33	Proprietary	Micro	Garments ,	6
34	Proprietary	Micro	Beautyparlour ,	4
35	Proprietary	Micro	Hair Cutting,	2
36	Proprietary	Micro	Tyres,	7
37	Proprietary	Micro	Mobile Services,	2
38	Proprietary	Micro	Auto Spares,	8
39	Proprietary	Micro	Mobile Services ,	2
40	Proprietary	Micro	Internet Services ,	3
41	Proprietary	Micro	Coolbar,	3

42	Proprietary	Micro	Mobile,	2
43	Proprietary	Micro	Auto Mobile,	3
44	Proprietary	Micro	Saloon,	2
45	Proprietary	Micro	Electricals,	1
46	Proprietary	Micro	Digital Studio,	1
47	Proprietary	Micro	Mobile Sales And Service,	1
48	Proprietary	Micro	Diagnostics Lab,	14
49	Proprietary	Micro	Mobile Services ,	2
50	Proprietary	Micro	Systems Computer,	10
51	Proprietary	Micro	Beauty Parlour ,	1
52	Proprietary	Micro	Dtp Print,	3
53	Proprietary	Micro	Photostat Dtp,	2
54	Proprietary	Micro	Computer Maintenance ,	4
55	Proprietary	Micro	Automobile Service,	3
56	Proprietary	Micro	Studio,	1
57	Proprietary	Micro	Beauty Saloon,	3
58	Proprietary	Micro	Costumes Making,	2
59	Proprietary	Micro	Mobile Sales And Service,	1

Source : DIC 2024

**ANNEXURE 7.1**  
**DETAILS OF INFORMAL SECTOR ACTIVITY IN ADOOR TOWN**

Sl.No.	Ward Number	Gender	Age	Name of Place/Road/Locality	Nature of Items being sold	Nature of Items being sold – (Others)
1	014	Female	55	Parakode	Food Items	Others
2	014	Female	65	Parakode	Others	Betel Leaves
3	014	Male	32	Parakode	Others	Lottery
4	014	Female	71	Parakode	Others	Betel Leaves& Lemon Juice
5	014	Male	45	Parakode Junction	Others	Egg , Lemon Juice Etc.
6	011	Male	50	Pannivizha Theppumpara Road	Others	Vegetables
7	011	Female	47	Kallikkottupadi	Others	Vegetables
8	015	Male	63	Parakode Chiranikkal Road	Others	Vegetables
9	015	Male	73	Parakode Ezhamkulam Canal Road	Others	Madakkada
10	014	Female	65	Parakode Vetta Chantha	Food Items	Teashop
11	014	Male	62	Parakode Vetta Chantha	Others	Murukkan Kada
12	015	Male	38	Kp Road	Others	Fish
13	007	Male	54	Anandapalli Junction	Food Items	Others
14	016	Male	56	Kp Road	Others	Fish
15	005	Male	44	Mc Road	Food Items	Others
16	015	Male	29	Parakode Hs Junction	Others	Fish
17	007	Male	54	Anandapalli Junction	Food Items	Fish
18	024	Male	57	Near Sm Textiles	Others	Lottery
19	024	Male	62	Market Road	Others	Chappal
20	010	Male	61	Ambalaveli Jn	Food Items	Stationary
21	009	Female	40	Attakulam Jn	Food Items	Tea Snac
22	009	Male	50	Anandapalli Junction	Food Items	Tea Snac

23	008	Male	62	Pothradu Chira	Food Items	Tea Vegetable
24	008	Female	34	Pothradu	Food Items	Lemon Juce,Candy
25	007	Male	51	Anandapalli Junction	Others	Vegetables
26	007	Male	54	Chembolil Jn	Food Items	Tea,Snac
27	007	Male	47	Thatta,Road	Food Items	Tapioacca
28	007	Female	70	Pannivizha Canal Road	Others	Murukkan Kada
29	006	Male		Kaithakkara	Others	Murukkan Kada
30	006	Female	59	Kaithakkara	Others	Murukkan Kada
31	024	Male	29	Central Toal Adoor	Food Items	Fish
32	016	Male	65	Parakode	Food Items	Vegetables
33	016	Female	64	Parakode	Others	Lottery,Betel Leaves
34	016	Male	44	Parakode	Food Items	Vegetables
35	016	Female	55	Parakode	Others	Lottery
36	020	Female	55	Kannamkode	Food Items	Tea ,Snac
37	020	Male	48	Kannamkode	Food Items	Lemon Juce
38	016	Female	48	K P Road	Others	Lottery
39	016	Male	45	Parakode	Food Items	Vegetables
40	020	Female	64	Kannamkode	Others	Murukkan Kada
41	020	Male	39	Kannamkode	Food Items	Chips
42	024	Male	53	K P Road	Others	Umbrella,Chalppal Repairing
43	024	Female	49	K P Road	Clothes	Others
44	024	Female	33	K P Road	Others	Umbrella,Chalppal Repairing
45	024	Male	51	K P Road	Others	Lottery & Murukkan Kada
46	024	Male	52	K P Road Near Gh	Clothes	Others
47	024	Male	55	Kp Road Adoor Town	Others	Chappal Repairing
48	024	Male	54	Kp Road Adoor Town	Others	Lottery
49	024	Male	69	M C Road	Others	Murukan Kada
50	024	Male	32	K P Road	Others	Lottery
51	022	Male	72	M C Road	Food Items	Fruits



52	024	Male	52	K P Road	Food Items	Fruits
53	024	Male	50	K P Road	Others	Lottery
54	024	Male	47	M C Road	Clothes	
55	024	Male	67	M C Road	Mechanical Goods	Fancy Items And Mask
56	024	Male	60	M C Road	Clothes	Others
57	024	Female	49	Opposite Dayana Hotel	Others	Lottery
58	024	Female	50	Market Road	Others	Lemon,Betel Leaves
59	024	Female	46	Parthasarathy Road	Others	Murukan Kada
60	024	Female	50	M C Road	Others	Lottery
61	024	Male	60	M C Road	Others	Murukan Kada
62	024	Female	60	M C Road	Others	Murukan Kada
63	024	Male	60	Market Road	Others	Lemon
64	024	Female	48	Private Bustand Cumfurt Station	Mechanical Goods	Lottery
65	024	Male	38	Near Parthasarathy Temple	Food Items	Vegetables
66	024	Male	48	Near Govt.Hospital	Food Items	Tea Snac
67	021	Male	49	Pwd Rest House	Food Items	Fruits
68	024	Male	49	Near Sm Textiles	Mechanical Goods	Lottery Chappal Repairing
69	024	Male	64	Near Adoor Tourist Home	Food Items	Tea Lottery
70	023	Male	57	Near Arapura Church	Food Items	Tea Snac
71	024	Male	46	Nellimootilpadi Ayyappanpara Road	Food Items	Tea Snac
72	022	Female	49	Near Nellimootilpadi Police Aid Post	Food Items	Tea Snac
73	024	Male	58	Near Pvt Bustand	Others	Lottery
74	024	Female	57	Near Parthasarathy Temple	Others	Flower Shop
75	024	Male	59	K P Road Adoor	Others	Chappal Repairing
76	024	Male	52	Near Parthasarathy Temple	Others	Lottery
77	024	Female	34	K P Road	Others	Chappal Repairing
78	024	Male	70	Old Janatha Hospital	Others	Lottery

79	024	Male	46	Near Parthasarathy Temple	Others	Candy,Lemon
80	024	Female	67	Near Market Road	Clothes	Others
81	024	Male	55	Near Parthasarathy Temple	Others	Fancy Items And Mask
82	001	Male	71	Mithrapuram	Others	Murukan Kada
83	001	Female	65	Lakshyamveedu Kolani	Others	Murukkan Kada
84	001	Male	29	Mithrapuram	Food Items	Tea Snacks
85	002	Male	47	Ev Ward	Others	Betel Leaves,Lemon Juice,Banana Etc
86	003	Male	44	Kaimalappa	Others	Betel Leaves
87	003	Female	59	Puthanchantha	Others	Stationary
88	024	Male	64	Market Road	Others	Vegetables
89	024	Male	68	One Way Road Near Market	Clothes	Others
90	024	Male	63	Opposite Of Town Up S	Others	Footwears,Umbrella
91	024	Male	55	Kp Road	Select Item	Cobbler
92	024	Male	52	Near Parthasarathy Temple	Others	Cobbler
93	024	Male	40	Near Parthasarathy Temple	Others	Cobbler
94	022	Male	45	Nellimootilpadi	Others	Vegetables&Fruits
95	022	Male	65	Nellimootilpadi	Others	Dry Fish
96	024	Female	50	Near Parthasarathy Temple	Others	Chappal Repairing
97	024	Female	47	Market Road	Food Items	Lemon
98	024	Female		Market Road	Others	Masala Kada
99	024	Male	54	Nera Upajilla Office Adoor	Others	Lotion
100	004	Female	68	Ootimukku	Others	Murukan Kada
101	004	Male	62	Ootimukku	Others	Murukan Kada
102	005	Female	48	Municipality	Others	Foam Filling
103	005	Male	38	Near General Hospital Adoor	Others	Thailam
104	005	Female	52	One Way Road Opposite Geetham Auditorium	Others	Murukan Kada
105	005	Male	59	Near Govt.Hospital	Food Items	Fruits

106	005	Male	50	Opposite Court Near One Way	Food Items	Tea,Snac
107	005	Male	60	One Way Road	Food Items	Tea,Snac
108	005	Male	47	K P Road ,Sivil Station	Others	Flower Shop
109	005	Male	57	Market Road	Others	Lottery
110	005	Male	49	Oneway Road Opposite Court	Food Items	Tea
111	005	Male	51	Opposite Sreemoolam Market	Others	Knife Sale
112	005	Male	43	Civil Station Near Market	Others	Knife Sale
113	005	Female	42	Revenue Tower	Others	Lottery
114	027	Male	52	By Pass Road	Food Items	Thattukada
115	027	Male	56	K P Road	Food Items	Fruits
116	027	Male	47	K P Road	Food Items	Tea& Snac
117	027	Male	31	K P Road	Food Items	Vegitable
118	027	Male	36	K P Road	Food Items	Vegitable
119	027	Male	40	K P Road	Food Items	Fruits
120	027	Male	42	K P Road	Others	Lottery
121	027	Male	30	K P Road	Food Items	Fruits
122	027	Male	36	K P Road	Clothes	
123	027	Male	46	M C Road	Others	Lottery
124	027	Male	50	M C Road	Food Items	Tea Snac
125	027	Female	51	M C Road	Food Items	Tea Snac
126	027	Female	53	M C Road	Others	Lottery
127	026	Male	67	Thadathil Padi	Food Items	Tea,Snac
128	027	Male	65	K P Road	Food Items	Tea,Snac
129	026	Female	64	M C Road	Food Items	Tea,Snac
130	025	Male	40	By Pass Road	Others	Tyre Puncture Work
131	025	Female	55	By Pass Road	Food Items	Lemon Juce,Murukan Kada
132	025	Male	52	By Pass Road	Food Items	Tea,Snac
133	027	Male	41	K P Road	Food Items	Fruits
134	027	Female	53	M C Road	Food Items	Tea,Snac

135	027	Female	47	K P Road	Food Items	Fruits
136	027	Male	56	K P Road	Others	Lottery
137	027	Male	39	K P Road	Food Items	Bakery, Tea
138	027	Male	43	K P Road	Others	Daily Used Materials
139	024	Male	49	K P Road	Others	Murukan Kada
140	024	Male	55	Market Road	Food Items	Lemon
141	024	Male	55	Market Road	Mechanical Goods	Betel Leaves,
142	024	Female	50	Market Road	Food Items	Vegitable
143	024	Female	63	M C Road	Others	Grocery Items
144	016	Male	37	Parakode Market	Food Items	Fish
145	015	Female	56	Parakode Chiranikkal Road	Food Items	Vegitable
146	016	Male	63	Parakode Market	Food Items	Vegetables
147	020	Female	40	K P Road	Food Items	Tea, Snac
148	016	Male	61	Parakode Market	Food Items	Fish
149	020	Male	52	K P Road	Food Items	Lemon Juice
150	020	Male	42	K P Road	Food Items	Tea, Snac
151	017	Male	44	K P Road	Food Items	Vegitable
152	016	Female	61	Parakode	Food Items	Vegitable
153	016	Male	60	Parakode	Food Items	Tapioca
154	016	Female	56	Parakode	Food Items	Vegetables
155	016	Male	69	Parakode	Food Items	Tapioca
156	016	Male	55	Parakode	Others	Murukan Kada
157	017	Male	46	Parakode	Food Items	Vegetables
158	009	Male	63	Kanjiraveli Jn	Food Items	Vegetables
159	007	Male	71	Pannivizha, Valiyakulam	Food Items	Cool Drinks & Fruits
160	009	Female	45	Pannivizha, Valiyakulam	Food Items	Vegetables
161	009	Male	65	Pannivizha	Food Items	Vegetables
162	008	Male	54	Pannivizha Kanjiravelil	Food Items	Appam, Porotta, Unniappam, Vada Etc....
163	016	Male	36	Parakode	Food Items	Vegitable

164	017	Male	55	Parakode	Food Items	Vegetable
165	016	Male	59	Parakode	Food Items	Tea,Snac
166	016	Male	60	Parakode	Food Items	Vegetable
167	017	Male	47	Parakode	Food Items	Fruits
168	005	Male	57	Sreemoolam Market Road	Others	Knife Sale
169	005	Male	43	Market Road	Others	Net
170	020	Male	45	Near Mariya Hospital	Others	Lottery,Murukan Kada
171	005	Male	47	Market	Food Items	Vegetables
172	024	Male	69	Near K S R T C Jn	Others	Murukan Kada
173	024	Female	53	Near Beverages	Others	Murukan Kada
174	024	Male	50	Near K S R T C Jn	Food Items	Vegetables,Fruits
175	020	Male	35	Near Malabar Gold	Others	Pot
176	024	Male	67	Near Sm Textiles	Clothes	Others
177	016	Male	39	Opposite Sbi	Food Items	Vegetables
178	005	Male	57	Near Mr Textiles	Food Items	Fruits
179	021	Female	53	Near Bhima Gold	Food Items	Tea Shop
180	005	Female	45	Market	Food Items	Vegetables
181	005	Male	68	Market	Food Items	Fish
182	005	Male	60	Market	Food Items	Vegetables
183	005	Male	52	Opposite Universal Mobile Shop	Food Items	Vegetables
184	007	Female	51	Pannivizha Temple	Food Items	Tea,Snac
185	016	Male	63	Market	Food Items	Spices
186	020	Male	46	Central Toal Adoor	Food Items	Fish Sale
187	009	Male	43	Pannivizha	Food Items	Tappiocca,Cocunut
188	025	Male	46	Bypass Road	Food Items	Coconut Sale
189	024	Male	56	Near K S R T C Jn	Food Items	Peanut Fry
190	005	Female	52	Market,Adoor&Parakode	Food Items	Pappadam
191	016	Female	62	Parakode Stand	Others	Murukkan Kada
192	027	Female	49	Bypass Road	Food Items	Tendor Cocunut Sale

193	024	Male	48	Near K S R T C Jn	Food Items	Fruits
194	021	Male	41	Opposie Pwd Office	Food Items	Fish Sale
195	016	Female	42	Parakode Market	Food Items	Fish Sale
196	006	Male	52	Anandappally	Others	Lottery
197	016	Male	47	Parakode Market	Food Items	Vegetables
198	016	Male	61	Parakode Market	Food Items	Fish Sale
199	021	Male	36	Opposite Pwd Office	Food Items	Vegetables
200	016	Female	85	Parakode	Others	Murukan Kada
201	007	Male	48	Anandappally	Food Items	Vegetables,Fruits
202	022	Male	30	Nellimootilpadi	Food Items	Fruits
203	016	Male	59	Parakode Bus Stand	Food Items	Lemon,Mango
204	016	Male	59	Market	Food Items	Vegetables
205	024	Male	50	Adoor	Clothes	Others

Source : Municipal Records

## ANNEXURE 7.2

## DETAILS OF COMMODITY TRANSACTION THROUGH PARAKODE MARKET

Sl.No	Commodities	Average Quantity	Price	Arrived from	Distributed to
1	Vegetables	450 tonnes/week	12000000	Tamilnadu, Karnadaka, Maharashtra	Centres with in 20 km radius
2	Banana	80 tonnes/week	1600000	Vayanadu, Tamilnadu	Centres with in 20 km radius
3	Rice	210 tonnes/week	6720000	Andra Pradesh, Kaladi	Centres with in 20 km radius
4	Sugar	50 tonnes/week	1600000	Tamilnadu, Karnadaka	Centres with in 20 km radius
5	Pulses	35 tonnes/week	3500000	Andra Pradesh, Tamilnadu	Centres with in 20 km radius
6	Betal	10000 bundles/week	400000	Local areas with in 15km	Inside Kerala & Tamilnadu
7	Pepper	10 tonnes/week	4500000	Local areas	Ernakulam
8	Ginger	10 tonnes/week	350000	Local and vayanadu	Inside Kerala & Tamilnadu
9	Arecanut	70 bags/week	126000	Local areas	Kozhikode
10	Yan	30 tonnes/week	600000	Local areas	Inside Kerala & Tamilnadu
11	Cattle Feed	90 tonnes/week	2250000	Various factories	Centres with in 20 km radius
12	Poultry/Goat Feed	25 tonnes/week	625000	Tamilnadu, Kerala	Centres with in 20 km radius

Source : Commercial Survey, 2019



## ANNEXURE 7.3

## THE LIST OF BANKS FUNCTIONING IN THE TOWN

Sl.No	Name of the bank	Location
1	IOB, Adoor	Central toll and surroundings
2	Milk society (Co-Operative society)	Central toll and surroundings
3	Federal Bank	Central toll and surroundings
4	Catholic syrian bank	Central toll and surroundings
5	Central Bank of India	Central toll and surroundings
6	Union bank	Central toll and surroundings
7	Adoor Co- Operative urban bank	Central toll and surroundings
8	South Indian bank	Central toll and surroundings
9	Dhanalaksmi Bank	Central toll and surroundings
10	Insurance agents co-operative society	K.S.R.C. Stand and surroundings
11	Canara bank	K.S.R.C. Stand and surroundings
12	Agriculture Co-operative society	Private Bus stand and surroundings
13	Agriculture rural development bank	Private Bus stand and surroundings
14	State Bank of Travancore	K.S.R.C. Stand and surroundings
15	KSFE	K.S.R.C. Stand and surroundings
16	Pathanamthitta district Co-operative bank, Adoor	K.S.R.C. Stand and surroundings
17	HDFC Bank	K.S.R.C. Stand and surroundings
18	Indus Ind bank	K.S.R.C. Stand and surroundings
19	Government employees co-operative bank	Private Bus stand and surroundings
20	South Malabar gramin bank	Private Bus stand and surroundings
21	Bank of Baroda	Private Bus stand and surroundings
22	State bank of India	Private Bus stand and surroundings
23	ICICI Bank	Private Bus stand and surroundings
24	Corporation bank	Private Bus stand and surroundings
25	Federal bank ATM	Private Bus stand and surroundings
26	Sasthamkotta Coperative agriculture credit Bank	Central toll and surroundings
27	Syndicate Bank	central Toll and surroundings
28	state Bank of Travancore	Holicross junction
29	Union Bank ATM	High school junction, Municipality
30	Indian Bank	High school junction,Panchayath
31	State Bank of Travancore and ATM	Parakode
32	Federal Bank	Parakode
33	Parakode Service co-operative bank	Parakode
34	Parakode Service Co-operative Society	Parakode
35	Pannivizha Service co-operative bank	Pannivizha

Source : Primary Survey 2011

## ANNEXURE 11.1

## LIST OF PWD ROADS IN ADOOR MUNICIPALITY

Sl. No.	Road Name	Length (Km)
1	M.C Road (Paranthal Palli to Vadakkedathukavu I.T.C)	7.00
2	K.P Road (Adoor Central to Parakode Sakthi Theatre & Adoor B.H.S Padi to M.C Road)	4.20
3	Adoor Sabarimala Road (Adoor to Pothrad) NH 183A	5.00
4	Chavara Adoor Road (Canan Nagar to Nellimoottilpadi) NH 183A	0.50
5	Parakode - Koduman Road (Parakode to Chiranikkal)	2.20
6	Parakode Iverkala Road (Parakode to Paruthipara)	0.70
7	T.B Road (T.B Junction to T.B)	1.20
8	Adoor Theppupara Road (Pannivizha Temple to Parakode Muzhangodi Junction)	4.00
9	Kottamukal Vadakkadathu kavu Road (Kottamukal Jn to Paruthipara)	1.50
10	M.G Road ( R.D.O. Office to Anandapalli Thumpamon Road)	3.00
11	Civil Station Road to Temple Road (Ring Road)	0.75
12	Thadathil Manakkala Road (Yamuna Jn via Thadathil Padivazhi to Municipal boundary)	2.00
13	Adoor Munnalam Mannakkala Road (Konmayil padi to Cheruvallipalam)	2.50
14	E.V Road (Karuvatta to Thatta)	2.20
15	Ananthapalli -Thumpaman Road (Anandapalli to Municipal limit)	0.35
16	Anandapalli Kodumon Road (Ananthapalli to Iyecadu)	2.00

Source: Traffic and Transportation Plan for 23 Towns in Kerala State- Adoor Town, Report January 2011 of NATPAC

## ANNEXURE 11.2

### INVENTORY DETAILS OF MAJOR ROADS

5	4	3	2	1	II	I	I	Sl. No.
0/400 to 0/500	0/300 to 0/400	0/200 to 0/300	0/100 to 0/200	0/0 to 0/100	ADOOR - PATHANA MTHITTA	ADOOR - CHAVARA ROAD		Chainage
1.00	1.00	1.00	1.00	1.00	5.00	0.50	0.50	Length (Km)
SH	SH	SH	SH	SH		MDR		Type of Road
5.50	5.50	5.50	5.50	5.50		7.00		CW
10.00	11.00	10.50	10.50	10.50		12.50		ROW
Nil	Nil	Nil	Nil	Nil		Nil		Median (m)
Nil	Nil	Nil	Nil	Nil		Nil		L
Nil	Nil	Nil	Nil	Nil		Nil		R
2 earth	2.5 earth	2 earth	2.5 concrete	2.5 earth		1.5 earth		L
2 earth	2 earth	2 earth	2.5 earth	2 concrete		1.5 earth		R
3	2	2	2	1		1		Bus stops
Mixed	Agriculture	Mixed	Residential	Residential		Residential		L
Residence	Residence	Residence	Residential	Residential		Residential		R
Nil	Nil	Nil	Nil	Nil		Nil		L
Nil	Nil	Nil	Nil	Nil		Nil		R
Nil	One 3 arm	Nil	Nil	One 3 arm		Nil		Junctions and controls
BT, fair	BT, fair	BT, fair	BT, fair	BT, fair		BT, fair		Surface type and condition
2 culverts	Nil	Nil	1 culvert	1 bridge		Nil		CD structures

3	2	1	VI	1	V	2	1	IV	2	1	III
0/200 to 0/300	0/100 to 0/200	0/0 to 0/100	KAYAMKU LAM-PATHANA PURAM	0/0 to 0/70	PARRAKK OD-IVERKALA	0/100 to 0/220	0/0 to 0/100	PARAKOD E-CHIRANIK KAL	0/100 to 0/200	0/0 to 0/100	ANANTHA PALLI-KODUMA N ROAD
1.00	1.00	1.00	4.20	0.70	0.70	1.20	1.00	2.20	1.00	1.00	2.00
S.H	S.H	S.H		MDR		M DR	MDR		MDR	MDR	
8.50	8.50	8.50		5.50		4.50	4.50		4.00	4.00	
14.00	14.00	15.50		8.50		8.50	8.50		7.50	8.00	
Nil	Nil	Nil		Nil		Nil	Nil		Nil	Nil	
2.50	2.50	2.50		Nil		Nil	Nil		Nil	Nil	
3.50	3.50	3.50		Nil		Nil	Nil		Nil	Nil	
2.5 earth	2 earth	Nil		Nil		2 earth	2 earth		2 earth	2.5 earth	
2 earth	2 earth	Nil		1.5 earth		2 earth	2 earth		1.5 earth	2 earth	
2	1	1		1		1	3		2	1	
Residential	Residential	Common		Mixed		Mixed	Residence+ Agriculture		Agriculture	Residential	
Residential	Residential	Common		Mixed		Mixed	Residence+ Agriculture		Residence	Residential	
Earthern	Concrete	Nil		Nil		Nil	Nil		Nil	Nil	
Nil	Concrete	Nil		Concrete		Nil	Nil		Nil	Nil	
One 3 arm	Nil	One 3 arm		One 4 arm		Nil	Two staggered 4 arm		Nil	Nil	
BT, fair	BT, fair	BT, fair		BT, fair		BT, poor	BT, fair		BT, fair	BT, fair	
1 culvert	1 bridge	Nil		1 culvert		Nil	Canal		1 culvert	Nil	

2	1	IX	3	2	1	VIII	1	VII	5	4
0/100 to 0/200	0/0 to 0/100	M.C ROAD, PARANTHAL - VADAKKEDATHUKAVU ITC	0/200 to 0/300	0/100 to 0/200	0/0 to 0/100	R.D.O OFFICE - ANANDAP ALLI	0/0 to 0/120	REVENUE TOWER ROAD	0/400 TO 0/420	0/300 to 0/400
1.00	1.00	7.00	1.00	1.00	1.00	3.00	1.20	1.20	0.20	1.00
S.H	S.H		MDR	MDR	MDR		MDR		S.H	S.H
7.50	7.50		6.00	5.00	5.00		7.00		8.00	8.00
23.00	23.00		10.00	8.00	8.00		10.00		14.00	14.00
Nil	Nil		Nil	Nil	Nil		Nil		Nil	Nil
Nil	Nil		Nil	Nil	Nil		Nil		2.50	2.50
Nil	Nil		Nil	Nil	Nil		Nil		3.50	3.50
2.5 BT	2.5 BT		1.5 earth	1.5 earth	1.5 earth		Nil		2 earth	Nil
2.5 BT	2.5 BT		2.5 earth	1.5 earth	1.5 earth		Nil		2 earth	2.5 earth
	2		1	2	1		1		4	2
Residence + Agriculture	Residential		Residence + Agriculture	Residence + Agriculture	Residential		Common		Common	Common
Residence + Agriculture	Residential		Residence + Agriculture	Residence + Agriculture	Residential		Common		Other	Common
Concrete, partly	Nil		Nil	Nil	Nil		Nil		Nil	Nil
Concrete, partly	Concrete		Nil	Nil	Nil		Nil		Nil	Nil
Nil	Nil		Nil	Nil	Nil		Two 3 arm		One 3 arm	One 3 arm
BT, fair	BT, fair		BT, fair	BT, fair	BT, fair		BT, fair		BT, fair	BT, fair
1 culvert	1 culvert		Nil	1 culvert, 1 bridge	Nil		Nil		Nil	Nil

2	1	X	7	6	5	4	3
0/100 to 0/200	0/0 to 0/100	MINI BYE PASS SOUTH	0/600 to 0/700	0/500 to 0/600	0/400 to 0/500	0/300 to 0/400	0/200 to 0/300
1.00	1.00	2.00	1.00	1.00	1.00	1.00	1.00
S H Bye pass	S H Bye pass		S.H	S.H	S.H	S.H	S.H
7.50	7.50		7.50	7.50	7.50	7.50	7.50
18.00	18.00		22.00	22.00	15.00	18.00	20.00
Nil	Nil		Nil	Nil	Nil	Nil	Nil
Nil	Nil		Nil	Nil	Nil	Nil	Nil
Nil	Nil		Nil	Nil	Nil	Nil	Nil
2.5 BT	2.5 BT		2.5 BT	2.5 BT	2 earth	2.5 earth	2.5 BT
2.5 BT	2 BT		2.5 BT	2.5 BT	2 earth	2.5 earth	2.5 BT
				1	1		3
Agriculture	Agriculture		Common+ Residence	Common	Common	Common	Common
Agriculture	Agriculture		Common+ Residence	Common			Common
Nil	Nil		Concrete	Concrete, closed	Nil	Nil	Concrete, partly
Nil	Nil		Nil	Concrete, closed	Nil	Nil	Nil
Nil	One 4 arm		One 3 arm	Two 3 arm	Nil	Nil	Two 3 arm
BT, fair	BT, fair		BT, fair	BT, fair			BT, fair
1 bridge	1 bridge, 1 culvert		1 culvert	1 bridge	Nil	Nil	Nil

Source: Traffic and Transportation Plan for 23 Towns in Kerala State- Adoor Town, Report January 2011 of NATPAC

### ANNEXURE 11.3 SPEED AND DELAY CHARACTERISTICS OF MAJOR ROADS

Sl. No .	Chainage	Length (m)	Average journey time (sec)	Delay (Sec)	Delay cause	Speed (km/ Hr)	
						With delay	Without delay
I	Kayamkulam -Patthanapuram						
	Central jn. - Parakode bridge	3,300.00					
a	0/1300	1,300.00	154	2	Slow vehicle	30.39	30.79
b	0/2000	700.00	229	36	Congestion	11.00	13.06
c	0/2800	800.00	342	9	Slow vehicle	8.42	8.65
d	0/3000	200.00	372	18	Slow vehicle	1.94	2.03
e	0/3300	300.00	424	10	Congestion	2.55	2.61
II	Adoor -Pathanamthitta road						
	Pothanadu - Pathanamthitta jn.	5,100.00					
a	0/1700	1,700.00	140	8	Slow vehicle	43.71	46.36
b	0/1900	200.00	158	32	Intersection &Slow vehicle	4.56	5.71
c	0/2100	200	208	3	Slow vehicle &Intersection	3.46	3.51
d	0/4300	2200	463	5	Slow vehicle (heavy)	17.11	17.29
e	0/5100	800	582	8	Congestion &Intersection	4.95	5.02
III	M.C Road						
	Paranthal church- Vadakkedathu kavu ITC	3,400.00					
a	0/500	500.00	44	9	Intersection	40.91	51.43
b	0/1300	800.00	123	46	Slow vehicle & Intersection	23.41	37.40
c	0/2000	700	208	10	Congestion	12.12	12.73
d	0/2400	400	265	12	Congestion	5.43	5.69
e	0/2700	300	306	11	Bus stop at improper location	3.53	3.66
f	0/3400	700	390	7	Bus stop	6.46	6.58

Source: Traffic and Transportation Plan for 23 Towns in Kerala State- Adoor Town, Report January 2011 of NATPAC



### ANNEXURE 11.4 PARKING DURATION OF VEHICLES AT MAJOR PARKING AREA

Sl. No.	Vehicle type	Duration(minitues)						Total	
		<30	30-60	60-90	90-120	120-150	150-180	>180	
	1.Pattanamthitta Road Jn. (Right)								
1	Bus	0	0	0	0	0	0	0	0
2	Mini-bus	2	0	0	0	0	0	0	2
3	Car	50	0	0	0	0	0	0	50
4	Passenger auto	34	0	0	0	0	0	0	34
5	Two wheeler	84	0	0	0	0	0	0	84
6	Truck	0	0	0	0	0	0	0	0
7	Mini truck	7	0	0	0	0	0	0	7
8	Goods auto	18	0	0	0	0	0	0	18
	Total	195	0	0	0	0	0	0	195
	Percentage	100	0	0	0	0	0	0	100
	2.Pattanamthitta Road Jn. (Left)								
1	Bus	0	0	0	0	0	0	0	0
2	Mini-bus	0	0	0	0	0	0	0	0
3	Car	63	0	0	0	0	0	0	63
4	Passenger auto	28	0	0	0	0	0	0	28
5	Two wheeler	76	0	0	0	0	0	0	76
6	Truck	0	0	0	0	0	0	0	0
7	Mini truck	21	0	0	0	0	0	0	21
8	Goods auto	17	0	0	0	0	0	0	17
	Total	205	0	0	0	0	0	0	205
	Percentage	100	0	0	0	0	0	0	100
	3.From KSRTC to Adoor Temple								
1	Bus	1	0	0	0	0	0	0	1
2	Mini-bus	0	0	0	0	0	0	0	0
3	Car	132	0	0	0	0	0	0	132
4	Passenger auto	42	0	0	0	0	0	0	42
5	Two wheeler	43	0	0	0	0	0	0	43
6	Truck	0	0	0	0	0	0	0	0
7	Mini truck	0	0	0	0	0	0	0	0
8	Goods auto	13	0	0	0	0	0	0	13
	Total	231	0	0	0	0	0	0	231
	Percentage	100	0	0	0	0	0	0	100
	4.From Adoor Temple to Adoor UPS								
1	Bus	1	0	0	0	0	0	0	1
2	Mini-bus	0	0	0	0	0	0	0	0
3	Car	84	0	0	0	0	0	0	84

4	Passenger auto	50	0	0	0	0	0	0	50
5	Two wheeler	54	0	0	0	0	0	0	54
6	Truck	0	0	0	0	0	0	0	0
7	Mini truck	5	0	0	0	0	0	0	5
8	Goods auto	7	0	0	0	0	0	0	7
	Total	201	0	0	0	0	0	0	201
	Percentage	100	0	0	0	0	0	0	100
5. Adoor Tourist home to Central Jn.									
1	Bus	4	0	0	0	0	0	14.25	4
2	Mini-bus	5	0	0	0	0	0	0	5
3	Car	60	0	2	2	1	1	1	67
4	Passenger auto	7	0	0	0	0	0	0	7
5	Two wheeler	53	4	1	1	0	0	0	59
6	Truck	0	0	0	0	0	0	0	0
7	Mini truck	5	0	0	0	0	0	0	5
8	Goods auto	2	0	0	0	0	0	0	2
	Total	136	4	3	3	1	1	1	149
	Percentage	91.28	2.68	2.01	2.01	0.67	0.67	0.67	100
6. Pavithra Theature to central jn.									
1	Bus	0	0	0	0	0	0	0	0
2	Mini-bus	2	0	0	0	0	0	0	2
3	Car	83	0	0	0	0	0	0	83
4	Passenger auto	17	0	0	0	0	0	0	17
5	Two wheeler	53	0	0	0	0	0	0	53
6	Truck	1	0	0	0	0	0	0	1
7	Mini truck	3	0	0	0	0	0	0	3
8	Goods auto	4	0	0	0	0	0	0	4
	Total	163	0	0	0	0	0	0	163
	Percentage	100	0	0	0	0	0	0	100
7. T B Road One way									
1	Bus	0	0	0	0	0	0	0	0
2	Mini-bus	0	0	0	0	0	0	0	0
3	Car	0	0	0	0	0	0	0	0
4	Passenger auto	13	10	2	5	1	0	3	34
5	Two wheeler	0	0	0	0	0	0	0	0
6	Truck	7	3	2	2	0	0	0	14
7	Mini truck	0	0	0	0	0	0	0	0
8	Goods auto	0	0	0	0	0	0	0	0
	Total	20	13	4	7	1	0	3	48
	Percentage	41.67	27.08	8.33	14.58	2.08	0	6.25	100

Source: Traffic and Transportation Plan for 23 Towns in Kerala State- Adoor Town, Report January 2011 of NATPAC

**ANNEXURE 11.5**  
**ORIGIN - DESTINATION MATRIX OF INTERCITY DAILY**  
**PASSENGER TRIPS**

15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	Destination										Total																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
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Total	25	24	23	22	21	20	19	18	17	16
4688	0	0	0	0	0	431	385	985	0	90
559	0	0	0	0	0	0	13	0	0	148
1073	0	0	0	0	0	0	65	0	0	0
49032	0	0	0	0	308	8768	3590	7055	145	3275
765	0	0	0	0	0	0	0	175	0	18
48	0	0	0	0	0	0	48	0	0	0
2518	0	0	0	0	0	0	0	117	0	128
5038	0	0	0	0	0	21	89	499	0	18
453	0	0	0	0	0	0	0	18	0	0
4319	0	0	0	0	0	0	13	182	26	66
4310	0	0	0	0	0	42	101	61	10	17
3371	0	0	0	0	0	26	107	24	0	56
9105	0	0	0	0	0	23	0	606	0	180
993	0	0	0	0	0	0	0	27	0	0
3571	0	0	0	0	0	0	0	70	0	249
6307	0	0	0	0	0	23	37	1342	0	0
1120	0	0	0	0	0	0	25	439	0	0
9494	0	0	0	0	32	700	612	0	137	436
5769	0	0	0	0	0	72	0	662	0	106
3223	0	0	0	0	0	0	137	707	0	0
45	0	0	0	0	0	0	0	0	0	17
0	0	0	0	0	0	0	0	0	0	0
75	0	0	0	0	0	0	0	75	0	0
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
115876	0	0	0	0	340	10107	5221	13043	319	4801

Source: Traffic and Transportation Plan for 23 Towns in Kerala State- Adoor Town, Report January 2011 of NATPAC

**ANNEXURE 11.6**  
**DISTRIBUTION OF INTERCITY GOODS TRAFFIC IN TONNES**  
**ACCORDING CAMMODITIES CARRIED**

Sl. No.	Name of commodity		Vehicle type			Total
			Truck/MAT	Mini Truck	Goods Auto	
	Empty		0	0	0	-
1	Foods grains	Wheat	46.49	16.51	0	63
2		Rice & paddy	208.97	0	75.62	285
3		Grains & pulses	10.27	22.47	0	33
4		Other food grains	19.6	48.16	187.63	255
5	Agricultural products	Fruits & vegetables	500.78	117.08	85.14	703
6		Milk & milk products	303.47	457.93	81.51	843
7		Coconut & copra	0	0	41.59	42
8		Meat	0	13.08	0	13
9		Fish	76.9	51.83	0	129
10		Eggs	8.18	0	0	8
11		Spices including rubber	2.7	13.27	0	16
12		Tea & coffee	0	13.55	0	14
13		Sugar	241.62	0	0	242
14		Bakery items	34.55	4.91	0	39
15		Bewerages & toddy	0	0	0	-
16		Soda & drinks	54.47	64.6	0	119
17		Provisions	0	6.04	0	6
18		Hay	0	0	0	-
19		Cattle feed	0	0	0	-
20	Construction materials	Cement	235.56	206.42	24.26	466
21		Quick lime (Kakka)	0	0	0	-
22		Earth & gravel	2677.71	130.98	347.13	3,156
23		Sand & clay	475.12	43.96	7.28	526
24		Brick & tiles	224.2	558.67	68.78	852
25		Granite & rubbles	56.72	0	0	57
26	Construction materials	Sanitary wares	17.79	24.97	0	43
27		Asbestos sheets	0	0	0	-

28		Paints & varnish	26.02	0	0	26
29		Timber	0	58.98	0	59
30		Firewood	23.29	24.57	0	48
31		Bamboo & wood	289.21	136.77	278.96	705
32		Furniture	16.37	16.17	78.57	111
33	Industrial goods	Steel machinery	4.73	0	0	5
34		Iron & steel	439.35	63.17	0	503
35		Aluminium	0	0	0	-
36		Electrical goods	35.45	0	0	35
37		Tyres & tubes	14.18	0	0	14
38		Spare parts	0	0	0	-
39		Chemicals & Drugs	0	0	0	-
40		Medicines	1.13	24.03	0	25
41		Fertilisers	30.68	4.83	0	36
42		Soap	29.99	17.2	68.68	116
43		Rubber & plastic goods	277.27	108.25	10.11	396
44		Glass	0	10.02	0	10
45		Leather goods	0	0	0	-
46		Ready-made garments	33.83	0	9.27	43
47		Stationery & paper	20.8	0	0	21
48		Coir & coir products	36.24	55.42	0	92
49	Petroleum products	Motor spirit (Petrol)	0	0	0	-
50		Kerosene	0	0	207.95	208
51		LPG	0	406.19	177.97	584
52		Other POL products	23.88	7.37	0	31
53	Miscellaneous	Empty bags, tins & battles	0	0	0	-
54		Parcel	62.26	0	0	62
55		Ice	0.91	0	0	1
56		Miscellaneous	164.81	18.33	295.96	479
		Total	6725.48	2745.75	2046.41	11517.64

Source: Traffic and Transportation Plan for 23 Towns in Kerala State- Adoor Town, Report January 2011 of NATPAC

### ANNEXURE 13.1 DETAILS OF SCHOOL OF ADOOR MUNICIPALITY

Sl. No.	Name of School	Number of Teachers									
		Pre Primary		Primary		High School		HSS		VHSS	
1	Rev. Dr. C.T.E.M.St. THOMAS V.H.S.S.		2		1		7			1	9
2	ST. MARY'S MAHILA MANDIRAM GIRLS							3	10		
3	ALL SAINTS PUBLIC SCHOOL, ADOOR		6		20	2	8	3	3		
4	HOLY ANGELS E.M.H.S.S , ADOOR		7	3	33		21	1	11		
5	P.G.M. BOYS HIGH SCHOOL, PARAKODE			2	11	4	16				
6	P.G.M. GIRLS HIGH SCHOOL, PARAKODE				9	3	19				
7	ST. MARY'S M.M.G.H.S,					2	18				
8	N.S.U.P.S., PARAKODE P.O.,			1	9						
9	ST. MARY'S M.M.U.P. SCHOOL,			4	22						
10	T.K.M.V. U.P.S. PANNIVIZHA				1	4					
11	GOVT. U.P.SCHOOL, ADOOR			1	3						
12	ST. JUDE SCHOOL, KARUVATTA, ADOOR		3	2	7						
13	TRAVANCORE INTERNATIONAL SCHOOL		5		7						
14	GOVT. L.P.S. PARAKODE P.O.			1	3						
15	GOVT. L.P.S. PANNIVIZHA		2	2	4						
16	ST. MARY'S CONVENT E.M. SCHOOL		5	1	9						
17	GOVT. L.P.S. MOONNALAM				4						
18	R.S.M. PRE PRIMARY AND PRIMARY SCHOOL	1,2a		4		5					
19	P.V.L.P. SCHOOL					7					
20	GOVT. W.L.P.SCHOOL, PARAKODE				4						
21	N.S.I. L.P.SCHOOL, PARAKODE				5						
22	GOVT. L.P.SCHOOL, PANNIVIZHA EAST				4						
23	GOVT. L.P.SCHOOL, ADOOR		1	2	6						
24	GOVT. MODEL L.P. SCHOOL, KARUVATTA				5						
25	MERRY LAND MONTESSORI SCHOOL		4								
26	ST. KURIAKOSE NURSERY SCHOOL,		3								

Source : Primary Survey 2010



### ANNEXURE 13.2 FACILITIES AVAILABLE AT SCHOOLS

Sl. No.	Name of the School	Play ground	Separate Toilet for girl students	Computer lab	Internet	Water availability	Source of water	Connected by a road of width of 3m.	Medium (English/Malayalam or both)	Transportation facilities			Year of Establishment
										Bus	Van	Jeep	
1	St. Jude School, Karuvatta, Adoor	Yes	Yes	Yes	Yes	Yes	Ordinary Well	Yes	English	Nil	3	Nil	2004
2	Travancore International School,	Yes	Yes	Yes	Yes	Yes	Borewell	Yes	English	3	Nil	Nil	
3	P.G.M. Boys High School, Parakode	Yes	Na	Yes	Yes	Yes	Well	Yes	English And Malayalam	Nil	2	Nil	1942
4	P.G.M. Girls High School, Parakode,	Yes	Yes	Yes	Yes	Yes	Well	Yes	English And Malayalam	2	Nil	Nil	1979
5	N.S.U.P.S., Parakode P.O.,	Yes	Yes	Yes	No	Yes	Well, Pipeline	Yes	Malayalam	Nil	Nil	Nil	1936
6	Govt. L.P.S. Parakode P.O.	Yes	Yes	Yes	No	Yes	Well	Yes	Malayalam	Nil	Nil	Nil	
7	Govt. L.P.S. Pannivizha,	Yes	Yes	Yes	No	Yes	Well	Yes	Malayalam	Nil	Nil	Nil	1919
8	St. Mary's M.M.U.P. School,	Yes	Yes	Yes	No	Yes	Well, Pipeline	Yes	English And Malayalam	Nil	Nil	Nil	1976
9	St. Mary's Convent E.M. School,	Yes	Yes	Yes	No	Yes	Well	Yes	English	Na	Na	Na	1980
10	St. Mary's Mahila Mandiram Girls	Yes	Yes	No	Yes	Yes	Well	Yes	English	Nil	Nil	Nil	2004
11	St. Mary's M.M.G.H.S.,	Yes	Yes	Yes	Yes	Yes	Well	Yes	English And Malayalam	Nil	Nil	Nil	1962
12	Govt. L.P.S. Moonnalambam	Yes	Yes	Yes	No	Yes	Well	Yes	Malayalam	Nil	Nil	Nil	1948
13	R.S.M. Pre Primary And Primary School,	Yes	Yes	Yes	No	Yes	Well	Yes	English	Nil	Nil	Nil	
14	P.V.L.P. School	Yes	Yes	Yes	No	Yes	Well, Pipeline	Yes	Malayalam	Nil	Nil	Nil	1927
15	T.K.M.V. U.P.S. Pannivizha	Yes	Yes	No	No	Yes	Well	Yes	Malayalam	Nil	Nil	Nil	1962
16	Rev. Dr. C.T.E.M.St. Thomas V.H.S.S.	Yes	Yes	Yes	Yes	Yes	Well	Yes	Malayalam	1	Nil	Nil	1983

17	St. Kuriakose Nursery School,	No	Yes	No	No	Yes	Well, Pipeline	Yes	English	Nil	Nil	Nil	2005
18	Govt. W.L.P.School, Parakode	No	Yes	No	No	Yes	Well	Yes	Malayalam	Nil	Nil	Nil	
19	N.S.I. L.P.School, Parakode	No	Yes	No	No	Yes	Well	Yes	Malayalam	Nil	Nil	Nil	
20	Govt. L.P.School, Pannivizha East	No	Yes	No	No	Yes	Well	Yes	Malayalam	Nil	Nil	Nil	1947
21	All Saints Public School, Adoor	Yes	Yes	Yes	Yes	Yes	Well	Yes	English	4	Nil	Nil	2002
22	Holy Angels E.M.H.S.S , Adoor	Yes	Yes	Yes	Yes	Yes	Well, Pipeline	Yes	English	7	Nil	Nil	1964
23	Govt. L.P.School, Adoor	Yes	Yes	Yes	No	Yes	Pipeline	Yes	Malayalam	Nil	Nil	Nil	1917
24	Govt. Model L.P. School, Karuvatta,	No	Yes	No	No	Yes	Well, Pipeline	Yes	Malayalam	Nil	Nil	Nil	1947
25	Merry Land Montessori Play School	Yes	Yes	No	No	Yes	Well	Yes	English	1	1	Nil	2008
26	Govt. U.P.School, Adoor	Yes	Yes	Yes	No	Yes	Well, Pipeline	Yes	Kerala	Nil	Nil	Nil	1917

Source : Primary Survey 2010

**ANNEXURE 14.1**  
**INSTITUTIONS IN ALLOPATHIC SYSTEM OF MEDICINE**

Sl. No.	Hospital	Sector	Number of doctors	Number of beds	Departments
1	General Hospital, Adoor	Government	22	151 (expansion is in progress and proposed bed strength is 300)	Orthopedics, Dermatology, Respiratory Infection, Causality Unit, Dental Unit, Post partum unit, General Medicine, Surgery, Gynecology, Anesthesia, Pediatrics, Ophthalmology, ENT
2	Holly Cross Hospital, Adoor	Private	20	200	General medicine, Pediatrics, General surgery, Gynecology, Orthopedics, Anesthesia, Cardiology, ENT, Skin, Radiology, Psychology, Gastrologer, Pulmourology, Ophthalmology
3	Mariya Hospital, Adoor	Private	14	70	General medicine, Gynecology, Orthopedics, Pediatrics, , ENT, Skin, Anesthesia, Radio diagNosis
4	S.N. Hospital, Parakode	Private	1	6	Pediatrics
5	Janatha Hospital, Adoor	Private	2	6	General practice

Source : Primary Survey 2010

**ANNEXURE 14.2**  
**INSTITUTIONS IN AYURVEDIC SYSTEM OF MEDICINE**

Sl. No.	Name of Hospital	Location	Category*	Number of Beds	Number of Doctors	Govt/Private/ Co-Operative Society
1	Pankaja Kasthuri Ayurvedic Hospita& Panchakarma Hospital	Near Ymca, K.P. Road, Adoor	Hospital	10	3	Private
2	Dr J Thankamma, Oushadhi Agency	11/126,Parakode	Dispensary	0	2	Private
3	Dr. RH Nair Memorial Clinic(Oushadhi)	KSRTC	Dispensary	0	1	Private
4	Nagarjuna	KSRTC	Dispensary	0	1	Private
5	Janatha Medical	Private Busstand	Dispensary	0	1	Private
6	Kottackal Arya Vaidyasala	Private Busstand	Dispensary	0	1	Private
7	Ashtavaidya	Near Geetham Auditorium	Dispensary	0	1	Private
8	Indra Ayurvedics	High School Junction	Dispensary	0	1	Private
9	Punarjani	Byepass Junction	Dispensary	0	1	Private
10	Veni Ayurvedic Hospital And Panchakarma Centre	Near Revenue Tower	Dispensary	0	1	Private

Source : Primary Survey 2010

## ANNEXURE 14.3

## INSTITUTIONS IN HOMEOPATHIC SYSTEM OF MEDICINE

Sl. No.	Name of Hospital	Location	category	Number of beds	Number of doctors	Govt/Pvt/Cooperative society
1	Kumars Homeo clinic	Firestation	Op only		1	Private
2	Chaithanya Homeo clinic	Near private busstand	Op only		1	Private
3	Sree Ayyappans Homeo Hospital	Opp. Govt. Hospital	Op only		2	Private
4	Bhadra Homeo Hospital	Opp. Karikkineth	Op only		1	Private
5	St. Marys Homeopathic	Opp.KSRTC	Op only		1	Private
6	JJ Homeo clinic	Parakode	Op only		1	Private

Source : Primary Survey 2010

### ANNEXURE 15.1 GENERAL DETAILS OF NAGARS

3	2	1	Sl.No
Mannathumvila Colony	Kumpilumvila Colony	Ambedkar Nagar Laksham Veedu Colony	Name of the slum
Puthenchanda, Pannivizha	Oottymukku, Kotappuram	Pannivizha, Puthenchanda	Location
3, Adoor	4, Adoor	3, Adoor	Ward No and village
No	No	Yes	Approved slum or Not
No	SC	No	SC/ST slum or Not
*	*	*	Own land
			Purampoku land
			Others
0.51	0.61	0.51	Total area of slum in hectare
158.14	177.91	219.42	Residential density
20	23	26	Total number of houses
55 Yrs	30 Yrs	30 Yrs	Age of the Slum (in years)
		*	Black topped
*	*		Metalled
			Mud road
	*		Good
		*	Poor
*			No road
			Dust bin
			Some open space
	*		Street
*		*	Other areas

8	7	6	5	4
Kakottukuzhy Colony	Gandhi Nagar Laksham Veedu Colony	Plavilathara Colony(Canal Purampokku)	Paris (Canal Purampokku)	Vilayil Colony
Mithrapuram	Mithrapuram,Adoor	Karuvatta	Karuvatta	Oottymukku,Pannivizha West
1,Adoor	1,Adoor	2,Adoor	4,Adoor	4,Adoor
No	Yes	No	No	Yes
SC	No	No	No	SC
*	*			
*		*	*	
				*
0.28	0.81	0.16	0.30	0.91
134.14	132.20	####	####	137.28
11	29	12	22	36
35 Yrs	40 Yrs	30 Yrs	30 Yrs	40 Yrs
	*	*	*	
				*
*				
		*	*	
	*			*
*				
		*	*	
*	*			

14	13	12	11	10	9
Jawahar Laksham Veedu	Puthussery Colony	Kureekkattu Colony	Kurikkethuvila Colony	Zakir Hussain Colony	Palisserry Colony
Kavanal Junction,Parakode	Puthussery Bhagom	Pannivizha	Kannamkodu	Kannamkodu	Palisseril Bhagom, Anandappally
14,Adoor	20,Adoor	20,Adoor	19,Adoor	19,Adoor	8,Adoor
Yes	Yes	No	No	Yes	Yes
No	SC	No	SC	No	SC
*	*	*	*	*	*
0.30	0.32	0.40	0.40	0.40	0.49
#####	213.12	128.49	168.03	318.75	102.96
16	16	13	16	25	10
40 Yrs	60 Yrs	27 Yrs	50 Yrs	38 Yrs	50 Yrs
*	*		*	*	*
		*			
				*	
*		*	*		
	*				*
				*	
*			*		*
	*	*			



19	18	17	16	15
Peedikayil (PWD Purampokku)	Thondalil Colony	Chakkanattu Kandathil Bhagom Colony	Udaya Nagar Colony (Chakkanattu)	Chiranicall Municipal Colony
Parakode Market	Parakode	Chakkanattu Bhagom	Kandathil Chakkanattu Bhagom	Chiranicall, Adoor
16, Adoor	15, Adoor	15, Adoor	15, Adoor	13, Adoor
No	Yes	No	No	Yes
No	No	No	No	No
*	*	*	*	*
0.10	0.40	0.24	0.24	0.61
####	####	131.78	218.27	143.32
10	22	10	12	24
70 Yrs	70 Yrs	15 Yrs	60 Yrs	50 Yrs
*	*		*	*
		*		
*				
	*		*	*
		*		
	*	*	*	
*				
				*

24	23	22	21	20
Thadathil Colony	Mundumuruppal Colony	Udayon Muruppu Colony	Attakulathu Harijan Colony	Chettianmukal Colony
Sangamam Junction, Pannivizha	Pannivizha	Arukalthadam , Pannivizha	Kochuvilayil Padi, Anandappally	E.V.Junction
12, Adoor	12,Adoor	12,Adoor	9,Adoor	28,Adoor
Yes	No	Yes	Yes	Yes
SC	SC	No	SC	No
*	*	*	*	*
0.24	0.20	0.20	0.28	0.26
181.20	247.10	192.74	162.38	186.27
13	10	11	12	12
40Yrs	50 Yrs	40 Yrs	55 Yrs	50 Yrs
*			*	*
		*		
	*			
*			*	*
	*	*		
	*			*
*		*	*	*

30	29	28	27	26	25
Poriyakodu Colony	Vazhottu Colony	Varyathu Vadakkekkara	Charuvila Colony	Parankimavila Colony	Paruythiyil Colony
Parakode West	Vazhottu, Parakode North	Pannivizha, Adoor	KarimpanNoor, Pannivizha	KarimpanNoor, Pannivizha	Pannivizha
17, Adoor	14, Adoor	11, Adoor	11, Adoor	11, Adoor	11, Adoor
Yes	Yes	No	Yes	Yes	No
No	No	No	SC	SC	No
*	*	*	*	*	*
0.20	0.28	0.24	0.18	0.16	0.51
197.68	169.44	205.91	####	315.05	173.96
11	13	12	11	11	23
50 Yrs	50 Yrs	40 Yrs	50Yrs	50 Yrs	40Yrs
*	*	*	*	*	*
	*				*
*				*	
		*	*		
*	*	*	*	*	*

34	33	32	31
Palamurupel Indiraji Colony	Charuvila Colony	CherukunNil	Payikkattuthara Colony
Pothradu, Anandappally	Sub Station, Parakode	Moonnalam	Parakode West
8, Adoor	18, Adoor	25, Adoor	17, Adoor
Yes	Yes	Yes	No
No	SC	SC	No
*	*	*	*
0.16	0.28	0.20	0.36
####	####	271.81	178.46
11	18	14	16
50 Yrs	50 Yrs	50 Yrs	50 Yrs
	*		
*		*	*
*		*	
	*		*
	*		
*		*	*

Source : Socio EcoNomic Survey, 2019

## ANNEXURE 15.2

## ACCESS TO FACILITIES IN NAGARS

Sl.No	Name of the slum	Frequency of collection by Municipality				Drainage of waste water		Street lighting		Flood		Access to educational facilities	Access to health facilities	Access to public transport facilities
		Daily	Twice in a week	Once in a week	No collection	Good	Poor	Yes	No	Not affecting	Affecting			
1	Ambedkar Nagar Laksham Veedu Colony				*		*	*		*		4km	4km	0.5km
2	Kumpilumvila Colony				*		*	*		*		2km	2km	0.5km
3	mannathumvila Colony				*		*		*	*		3km	5km	2km
4	Vilayil Colony				*		*	*		*		3km	3km	3km
5	Paris (Canal Purampokku)				*		*		*	*		1km	1km	0.2km
6	Plavilathara Colony(Canal Purampokku)				*		*		*	*		1km	1km	0.2km
7	Gandhi Nagar Laksham Veedu Colony				*		*	*		*		3km	5km	1km
8	Kakottukuzhy Colony				*		*		*	*		2km	4km	1km
9	Palisserry Colony				*		*	*		*		2km	5km	1km
10	Zakir Hussain Colony				*		*		*	*		1km	3km	1.5km
11	Kurikkethuvila Colony				*		*	*		*		1km	2km	2km
12	Kureekkattu Colony				*		*	*		*		2km	1km	0.5km
13	Puthussery Colony				*		*		*	*		1km	1km	0.5km
14	Jawahar Laksham Veedu				*		*		*	*		1km	2km	0.3km
15	Chiranickal Municipal Colony				*		*	*		*		1km	3km	0.3km
16	Udaya Nagar Colony (Chakkanattu)				*		*	*			*	1km	2km	1km
17	Chakkanattu Kandathil Bhagom Colony				*		*	*			*	1km	2km	0.05km
18	Thondalil Colony				*		*	*			*	1km	4km	1km
19	Peedikayil (PWD Purampokku)			*		*		*		*		0.2km	0.2km	Bus - near

20	Chettiyanmukal Colony				*		*	*		*		1km	1km	1km
21	Attakulathu Harijan Colony				*		*	*		*		2.5km	3km	0.5km
22	Udayon Muruppu Colony				*		*	*		*		4km	4km	2km
23	Mundumurupel Colony				*		*		*	*		4km	4 km	2 km
24	Thadathil Colony				*		*	*		*		1km	3km	2km
25	Paruythiyil Colony				*	*		*		*		0.2km	4 km	1km
26	Parankimavila Colony				*		*	*		*		0.5km	4 km	0.1km
27	Charuvila Colony				*		*	*		*		0.5km	4 km	0.25km
28	Varyathu vadakkekkara				*		*	*		*		0.2km	4 km	1 km
29	Vazhottu colony				*		*	*		*		0.5km	0.5km	0.5km
30	Poriykkodu Colony				*		*		*	*		1 km	1 km	1 km
31	Payikkattuthara colony				*		*		*		*	1 km	1 km	1 km
32	CherukunNil				*		*	*		*		2 km	3 km	1 km
33	Charuvila Colony				*		*	*		*		1 km	1 km	1 km
34	Palamurupel Indiraji Colony				*		*		*	*		1.5 km	3 km	2 km

Source : Socio EcoNomic Survey, 2019

**ANNEXURE 18.1**  
**LIST OF ANGANWADIS**

Sl No.	Location of Anganwadi	Wards served.
1	Mithrapuram/Karuvatta	I
2	Plavilathara	II
3	Anandhappally	III, V
4	Katcheri Ward	IV
5	Municipality	VI, XIX
6	Pothrad	VII
7	M.G. Ward	VIII
8	Bhagath Singh	IX
9	Nethaji	X
10	Canal Junction	XI
11	Jawahar Nagar,Parakode	XII,XIII
12	Ambalathara	XIV
13	T.B. Junction	XV
14	Pannivizha	XV,XVII,XVI
15	Pannivizha Perayil	XVI
16	Kannamkode	XVIII
17	Ayyappan Para/Kannamcode	XIX
18	Munnalam	XXII
19	Karuvatta	XXIV

Source: ICDS Office. Parakode Block

**ANNEXURE 34.1**  
**LIST OF NON-OBNOXIOUS AND NON-NUISANCE TYPE OF SERVICE OR LIGHT**  
**INDUSTRIES PERMISSIBLE IN VARIOUS ZONES.**

1	Aerated water and fruit beverages
2	Aluminium utensils from aluminium circles by pressing only (dry mechanical operations)
3	Apparel Making
4	Assembly of air coolers /conditioners, repairing and servicing
5	Assembly of bicycles, baby carriage and other small Non-motorized vehicles
6	Atta – Chakkies, Flour mill, Oil mill
7	Automobile servicing (excluding repair)
8	Ayurvedic and homeopathic medicines (without boiler), Ayurvedic Medicinal Formulations
9	Bailing (hydraulic press) of waste papers
10	Bakery/confectionery/sweets products (with production capacity <1tpd (with gas or electrical oven)
11	Bamboo and cane products.
12	Bi-axially oriented PP film along with metalizing operations
13	Bio fertilizer and bio-pesticides without using inorganic chemicals
14	Biomass briquettes (sun drying) without using toxic hazardous wastes
15	Biscuits trays etc. from rolled PVC sheet (using automatic vacuum forming machines)
16	Blending and packing of tea
17	Blending of melamine resins & different powder, additives by physical mixing
18	Block making of printing without foundry (excluding wooden block making)
19	Bodybuilding of motor vehicles
20	Brass and bell metal utensils manufacturing from circles(dry mechanical operation without re-rolling facility)
21	Cardboard or corrugated box and paper products (excluding paper or pulp manufacturing and without using boilers)
22	Carpentry & wooden furniture manufacturing (excluding saw mill) with the help of electrical (motorized) machines such as electrical wood planner, steel saw cutting circular blade, etc.
23	Carpet weaving



24	Carrying and preservation of fruits and production of jam, jelly etc.
25	Cement products (without using asbestos / boiler / steam curing) like pipe, pillar, jafri, well ring, block/tiles etc. (should be done in closed covered shed to control fugitive emissions)
26	Ceramic colour manufacturing by mixing & blending only (Not using boiler and waste water recycling process)
27	Chalk making from plaster of Paris ( only casting without boilers etc. ( sun drying / electrical oven)
28	Charging and repairing of batteries
29	Chilling plant and ice making without using ammonia
30	CO <sub>2</sub> recovery
31	Coir (Without bleaching/dyeing)
32	Coke briquetting ( sun drying)
33	Cold Storage
34	Compressed oxygen gas from crude liquid oxygen ( without use of any solvents and by maintaining pressure & temperature only for separation of other gases)
35	Concrete batching plants
36	Copper, brass and metal utensils
37	Cotton and silk printing
38	Cotton Spinning. Weaving, ginning, clearing, pressing etc.
39	Cotton weaving in handloom & power looms.
40	Cutting, sizing and polishing of marble stone
41	Dal Mills
42	Decoration of ceramic cups and plates by electric furnace
43	Diesel pump repairing and servicing (complete mechanical dry process)
44	Digital printing on PVC clothes
45	Distilled water (without boiler) with electricity as source of heat
46	Domestic electrical appliances.
47	Electric lamp ( bulb) and CFL manufacturing by assembling only
48	Electrical and electronic item assembling (completely dry process)
49	Electroplating, tinsplating, welding etc.

50	Embroidery and lace manufacturing.
51	Emery powder ( fine dust of sand) manufacturing
52	Engineering and fabrication units (dry process without any heat treatment / metal surface finishing operations / painting)
53	Engineering workshop and general fabrication works (Without any chemical Treatment)
54	Facility of handling, storage and transportation of food grains in bulk
55	Flavored betel nuts production/ grinding (completely dry mechanical operations)
56	Fly ash bricks/ block manufacturing
57	Fly ash export, transport & disposal facilities
58	Foam bed, latex threads
59	Footwear (Rubber and PVC)
60	Fountain pen manufacturing by assembling only
61	Furniture making
62	Garment making / Tailoring.
63	Gas operated baby boiler
64	Glass ampules and vials making from glass tubes
65	Glass putty and sealant ( by mixing with machine only)
66	Glass, ceramic, earthen potteries, tile and tile manufacturing using electrical kiln or Not involving fossil fuel kiln
67	Glue from starch (physical mixing) with gas / electrically operated oven/boiler
68	Gold and silver smithy (purification with acid smelting operation and sulphuric acid polishing operation) (using less or equal to 1 litre of sulphuric acid/ nitric acid per month)
69	Ground nut decorticating
70	Handloom/ carpet weaving (without dying and bleaching operation)
71	Heat treatment with any of the new technology like ultrasound probe , induction hardening , ionization beam, gas carburizing etc.
72	Ice cream or ice making
73	Insulation and other coated papers (excluding paper or pipe manufacturing)
74	Ivory, carving and ivory works
75	Jobbing and machining

76	Laundry, dry cleaning and dyeing
77	Leather cutting and stitching (more than 10 machine and using motor)
78	Leather foot wear and leather products (excluding tanning and hide processing except cottage scale)
79	Light engineering
80	Lubricating oil, greases or petroleum based products (only blending at Normal temperature)
81	Making of paper boxes, bags, envelopes etc.
82	Manufacture and assembling of umbrellas and production of spare parts of umbrellas.
83	Manufacture and repair of musical instruments
84	Manufacture and repairing of brass and bell metal products
85	Manufacture and repairing of electric fans.
86	Manufacture of “aval” (Beaten rice) appam.
87	Manufacture of agarbathi and other cosmetics.
88	Manufacture of agricultural implements, screws etc.( blacksmith and foundry)
89	Manufacture of Beverages
90	Manufacture of byproduct from No biodegradable waste
91	Manufacture of cement products such as well-kerbs, tube, closets etc.
92	Manufacture of chinaware's and crockery.
93	Manufacture of clay models
94	Manufacture of Cotton thread, rope twine etc.
95	Manufacture of electric meters, production of electric and allied products, repairing and servicing of electrical appliances.
96	Manufacture of electrical machinery and repairing of electric motors armature winding etc.
97	Manufacture of glass and glass products
98	Manufacture of hydrogenated oil
99	Manufacture of iron and steel furniture.
100	Manufacture of Jewelry
101	Manufacture of jute products including repairing of gunny bags.

102	Manufacture of large containers and chinaware.
103	Manufacture of lemongrass oil, candles etc.
104	Manufacture of miscellaneous wooden articles such as sticks, sandals, rules etc.
105	Manufacture of paperboard and paper hand.
106	Manufacture of quilts and mattresses.
107	Manufacture of rubber gloves.
108	Manufacture of Rubber products such as rubber sheets, nipples, rubber shoes including smoke-rubber.
109	Manufacture of sewing machine parts and assembling and repairing of sewing machine.
110	Manufacture of small machine tools and machine parts.
111	Manufacture of soaps involving process without generation of trade effluents (Saponification of fats and fatty acids only)
112	Manufacture of sports goods, balloons etc.
113	Manufacture of stone images and stone wares
114	Manufacture of structural stone goods, stone crushing, stone carving, stone dressing, etc.
115	Manufacture of structural wooden goods such as doors, beams etc.
116	Manufacture of syrup.
117	Manufacture of tin cars and copper vessels.
118	Manufacture of Tobacco products.
119	Manufacture of wood and wooden products
120	Manufacture of wooden furniture and fixtures.
121	Manufacture of wooden industrial goods
122	Manufacture of wooden utensils, photo frames, toys, etc., and photo framing.
123	Manufacturing of coir items from coconut husks
124	Manufacturing of formulated synthetic detergent products
125	Manufacturing of medical instruments
126	Manufacturing of metal caps containers etc.
127	Manufacturing of optical lenses (using electrical furnace)

128	Manufacturing of pasted veneers using gas fired boiler or thermic fluid heater and by sun drying
129	Manufacturing of shoe brush and wire brush
130	Medical oxygen
131	Mineral stack yard / Railway sidings
132	Mineralised water
133	Miscellaneous printing works including type cutting, book binding
134	Oil and gas transportation pipe line
135	Oil ginning/expelling
136	Oil mill Ghani and extraction (No hydrogenation/refining)
137	Oil mills (vegetables)
138	Optical frames
139	Organic and iNorganic nutrients ( by physical mixing)
140	Organic manure (manual mixing)
141	Packing materials manufacturing from Non-asbestos fiber, vegetable fiber yarn
142	Packing of powdered milk
143	Padlocks
144	Paint (by mixing process only)
145	Paper Pins and U Clips
146	Phenyl/ toilet cleaner formulation and bottling
147	Polythene and plastic processed products manufacturing (virgin plastic)
148	Poultry, Hatchery and Piggery
149	Pressure testing units
150	Printing and publishing of books, newspapers and periodicals.
151	Printing of cotton textiles
152	Printing press
153	Processing and preservation of cashew nuts

154	Processing of Cardamom, ginger, pepper etc.
155	Processing, grinding, packing and distribution of coffee and tea
156	Production of Dairy Products
157	Production of rice, flour etc., by hand pounding.
158	Production of vinegar.
159	Puffed rice (muri) (using gas or electrical heating system)
160	Pulverization of bamboo and scrap wood
161	Radio and T.V. servicing and repairing.
162	Ready mix cement concrete
163	Repairing of electric motors and generators ( dry mechanical process)
164	Repairing of photographic equipment, spectacles etc.
165	Repairing of watches and clocks
166	Reprocessing of waste cotton
167	Rolling mill ( gas fired) and cold rolling mill
168	Rope plastic &cotton
169	Rubber goods industry (with
170	Rubberized coir mattresses
171	Sanitary fittings and other similar industries
172	Sawing and planning of wood
173	Scientific and mathematical instrument manufacturing apparatus manufacturing unit
174	Scrap Sorting
175	Seasoning of wood in steam heated chamber
176	Slaughtering preservation of meat, fish and cleaning fish
177	Small foundries
178	Solar module Non-conventional energy apparatus manufacturing unit
179	Solar power generation through solar photovoltaic cell, wind power and mini hydel power (less than 25 MW)

180	Spice grinding
181	Steel furniture without spray painting
182	Steeping and processing of grains
183	Tamarind powder manufacturing
184	Tissue culturing
185	Toy making
186	Tyres and tube retreating (without boilers)
187	Vulcanizing and repairing of tyres and tubes
188	Watch, pen and spectacles repairing
189	Water Softening and demineralization plants
190	Weaving of silk by Handloom
191	Wooden electrical accessories
192	woolen hosiers making (Dry process only without any dying / washing operation)

**ANNEXURE 34.2**  
**LIST OF OBNOXIOUS OR NUISANCE INDUSTRIES SUBJECT TO**  
**OBJECTIONABLE ODOURS, FUMES, EFFLUENTS OR PROCESSORS TO BE LOCATED**  
**IN HAZARDOUS ZONE**

I	Manufacture of Food Stuff:
1	Slaughtering, preservation of meat and fish and canning of fish.
II	Manufacture of Beverages:
2	Production of distilled spirits, wines, liquor, etc., from alcoholic malt, fruits and malts in distillery and brewery.
3	Production of country liquor and indigeNous liquor such as toddy, liquor form mahua, palm juice.
III	Manufacture of Textiles:
4	Dyeing and bleaching of cotton
IV	Manufacture of Wood and Wooden Products:
5	Sawing and planning of wood.
6	Wood seasoning and creosoting
7	Manufacture of veneer and plywood.
8	Paper, pulp and straw board.
V	Manufacture of Leather and Leather Products:
9	Currying, tanning and finishing of hides and skins and preparation of finished leather.
VI	Manufacture of rubber, petroleum and coal products:
10	Manufacture of tyres and tubes.
11	Manufacture of Industrial and synthetic rubber.
12	Reclamation of rubber.
13	Production of petroleum, kerosene and other petroleum products in refineries.
14	Production of chemicals and chemical products.
VII	Manufacture of chemicals and chemical products:
15	Manufacture of basic industrial chemicals such as acids, alkali and their salts Not elsewhere specified (especially sulphurous, sulphuric, nitric, hydrochloric acids, etc.) ammonia, chorine and bleaching powder manufactures.
16	Manufacture of dYes, paint, colours and varnishes, printing ink.



17	Manufacture of fertilizers (Especially from organic materials).
18	Manufacture of disinfectants and insecticides.
19	Manufacture of ammunition, explosive and fireworks.
20	Manufacture of matches.
VIII	Manufacture of Non-metallic mineral products other than petroleum and coal:
21	Manufacture of cement and cement products
22	Manufacture of Lime.
23	Manufacture of Plaster of Paris.
IX	Manufacture of basic metals and their products:
25	Manufacture of iron and steel including smelting, refining, rolling and conversion into basic forms.
26	Manufacture including smelting, refining, etc., or Nonferrous metals and alloys in basic forms.
27	Manufacture of Armaments.
X	Manufacture of machinery (other than transport) and electrical equipment:
28	Manufacture of all kinds of battery.
XI	Miscellaneous items Not covered above:
29	Incineration, reduction or dumping of offal, dead animals' garbage or refuse.
30	Manufacture of gelatin and glue.
31	Fat, tallow, grease or lard refining of manufacture.
32	Bone meal, bone grist and bone powder.
33	Manufacture of cashew nut shell oil.
34	Other similar types of nuisance industries.

# MASTER PLAN FOR ADOOR TOWN EXISTING LAND USE MAP 2023 (MP/01)

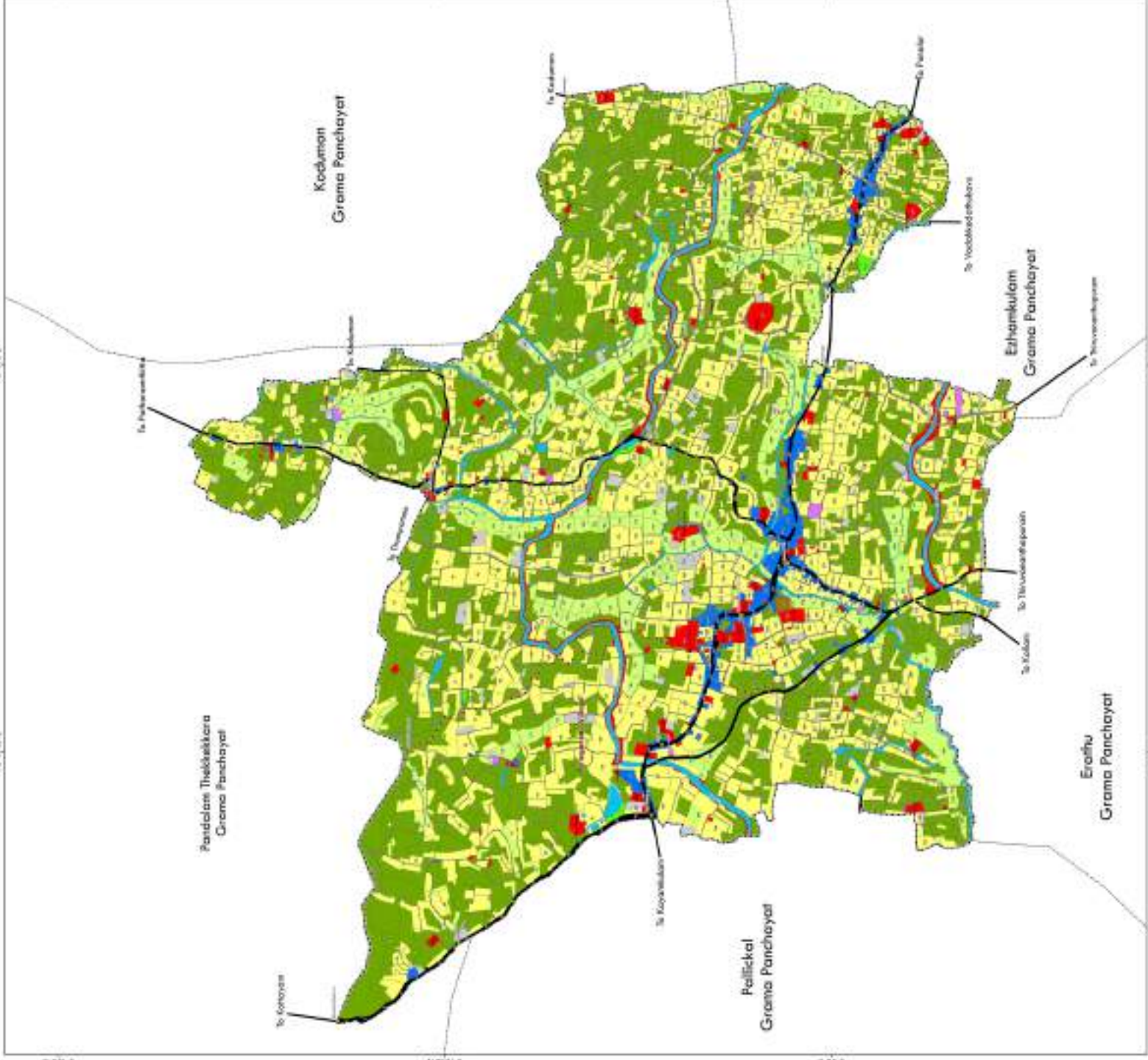


## Legend

- Junction
- Municipal Boundary
- Village/Taluk Boundary
- Survey Boundary
- Major Road Network
- Other Roads
- Residential Use
- Commercial Use
- Public & Semi-Public Use
- Industrial Use
- Traffic & Transportation Use
- Park & Open Space
- Environmentally Sensitive Area
- Dry Agriculture Use
- Sacred Groves
- Vacant/Rocky Area
- Water body



ADOOR MUNICIPALITY	
CHAIRPERSON	SECRETARY
OFFICE OF THE DISTRICT TOWN PLANNER USED PLANNING, PATHANAMTHITTA	
Deputy Town Planner	Town Planner
OFFICE OF THE CHIEF TOWN PLANNER USED PLANNING, THIRUVANANTHAPURAM	
Assistant Town Planner	Deputy Town Planner
Senior Town Planner	Chief Town Planner (Planning)
LOCAL SELF GOVERNMENT DEPARTMENT	
REGIONAL SECRETARY TO GOVERNMENT	





## MASTER PLAN FOR ADOOR TOWN PROPOSED LAND USE MAP 2045 MP/02/1

**LEGEND**

**Roads**

- Existing to be widened to 7 Meter
- Existing to be widened to 10 Meter
- Existing to be widened to 12 Meter
- Existing to be widened to 18 Meter
- Existing to be widened to 24 Meter
- Existing to be widened to 30 Meter

**Proposed New Roads**

- New Road 7 Meter Wide
- New Road 10 Meter Wide
- New Road 12 Meter Wide
- New Road 18 Meter Wide
- New Road 24 Meter Wide
- New Road 30 Meter Wide

**Proposed Land Use**

- Residential Use Zone
- Commercial Use Zone
- Mixed Use Zone
- Public & Semi-public Use Zone
- Industrial Promotion Zone
- Traffic & Transportation Use Zone
- Recreational/Sports Zone
- Recreational Open Space Zone
- Dry Agricultural Use Zone
- Ecologically Sensitive Zone
- Second Growth
- Coastal Buffer/Recreation Buffer
- Proposed Green Belt (5.0 & 10 Meter)
- Existing Waterbody
- Special Zone (In Government/Non-Government owned land)
- Special Zone (In privately owned land)

**Scale 1:10,000**

**ADDOOR MUNICIPALITY**

CHAIRPERSON	SECRETARY
OFFICE OF THE DISTRICT TOWN PLANNER USED PLANNING, PATHANAMTHITTA	
Deputy Town Planner	Town Planner
OFFICE OF THE CHIEF TOWN PLANNER USED PLANNING, THIRUVANANTHAPURAM	
Assistant Town Planner	Deputy Town Planner
TOWN PLANNER	
Senior Town Planner	Chief Town Planner (Planning)
LOCAL SELF GOVERNMENT DEPARTMENT	
PUNJIT, SECRETARY TO GOVERNMENT	

The main map displays the Adoor Town area with various land use zones color-coded according to the legend. The zones include Residential (yellow), Commercial (orange), Mixed Use (red), Public & Semi-public (purple), Industrial (green), Traffic & Transportation (blue), Recreational/Sports (light green), Recreational Open Space (dark green), Dry Agricultural (light blue), Ecologically Sensitive (dark blue), Second Growth (light purple), Coastal Buffer/Recreation (pink), and Proposed Green Belt (light green). The map also shows existing and proposed roads, water bodies, and surrounding areas like Kollam, Ernakulam, Punalur, and Potholam. The map is oriented with North at the top.

This inset map shows the location of Kerala within the Indian subcontinent. Kerala is highlighted in green, and its position relative to the rest of India is clearly visible.

This inset map shows the location of Pathanamthitta District within the state of Kerala. The district is highlighted in orange, and its position relative to other districts in Kerala is clearly visible.

This inset map shows the location of Adoor Town within the Pathanamthitta District. The town is highlighted in red, and its position relative to other areas in the district is clearly visible.

This inset map shows the location of the Adoor Municipality within the Adoor Town area. The municipality is highlighted in red, and its position relative to other areas in the town is clearly visible.



PROPOSED TRANSPORTATION NETWORK 2045  
APR 2011

100% Satisfaction Guarantee



### LEGEND

- Junction  
 Proposed Junction Improvement  
 Municipal Boundary  
 Village/Town Boundary  
 Survey Boundary  
 Section Roads

## Roads

- Existing to be widened to 7' Meter  
Existing to be widened to 10 Meter  
Existing to be widened to 12 Meter  
Existing to be widened to 18 Meter  
Existing to be widened to 24 Meter  
Existing to be widened to 30 Meter

### Proposed New Bonds

- New Road 7 Meter Wide  
New Road 10 Meter Wide  
New Road 24 Meter Wide  
Ring Road  
Traffic & Transportation Use  
Building White Soda

## Special Zone (In Government/Municipal owned land)

- |    |   |
|----|---|
| 04 | Municipal Office Complex & Municipal Building |
| 07 | Municipal Town Hall & Parking Plaza           |
| 09 | Proposed Highway Travel Plaza                 |



## ENVIRONMENTAL IMPACT

CITATION GROUP

0-876-13963-9

OFFICE OF THE DISTRICT TOWN PLANNER

**End Notes**

### Technical Trade Market

Deputy Town Planner

**Town Planner**

OFFERED TO THE CHIEF TOWN CLERK

Assistant Professor of Management

Source: T. J. P. Whelan.

Echamkulam  
Gangno Panchayat

### Senior Thesis Project

**DEVELOPMENT OF THE BROADBAND TELEPHONE**

MEMBER OF THE CONSTITUTION

