





# **PANDEMIC MANAGEMENT PLAN IDUKKI DISTRICT**



**Prepared by District Surveillance Unit,  
Idukki**

## Message



Kerala Health has consistently recognised that pandemic preparedness is no longer a standalone activity limited to the health sector, but an essential component of public safety, governance resilience, and sustainable development. The experiences of NIPAH outbreaks, COVID-19 pandemic, emerging zoonotic threats, climate-sensitive diseases, and increasing global interconnectedness have clearly demonstrated that future public health emergencies require continuous preparedness, rapid response systems, and strong institutional coordination. In this context, the preparation of comprehensive Pandemic Preparedness Plans by the Department of Health and Family Welfare marks an important landmark towards strengthening Kerala's health security framework.

Today, pandemic management plans must be viewed through the broader lens of the One Health approach, which recognises the interconnectedness of human health, animal health, environmental systems, and ecological balance. Emerging infections are increasingly influenced by environmental degradation, climate variability, urbanisation, migration, and changing human-animal interactions. Therefore, effective preparedness requires coordinated action not only from the Health and Family Welfare Department, but also from departments including Animal Husbandry, Forests, Local Self Government, Disaster Management, Revenue, Education, Transport, Police, Water Resources, and Civil Supplies. Such interdepartmental convergence is critical for surveillance, risk communication, outbreak containment, logistics management, and continuity of essential services during emergencies.

Kerala has always demonstrated exemplary leadership in responding to public health challenges through timely action, scientific decision-making, community participation, and decentralised governance. The integration of pandemic management with disaster management systems further strengthens our capacity to respond to multiple emergencies simultaneously, including outbreaks occurring during floods, heat waves, or other natural disasters. The development of structured protocols, surveillance mechanisms, escalation frameworks, surge planning systems, infection prevention strategies, and institutional coordination models reflects the state's commitment to building a resilient and future-ready health system.

I am informed that Kerala is the only state where the pandemic preparedness plans have been prepared to such a depth right from the Panchayath level to District and at institutional level upto Medical Colleges. I place on record my sincere appreciation to all those who worked on this endeavour. The dedication, technical expertise, and coordinated efforts demonstrated by the state and district teams are truly commendable. I am confident that these plans will further strengthen Kerala's capacity to effectively prevent, detect, and respond to future public health emergencies while ensuring the safety and wellbeing of our people.

**Shri. K Muraleedharan**

**Minister for Health and Family Welfare and Devasom,  
Government of Kerala**

## Foreword



Kerala Health has been taking efforts to strengthen the ‘Health System’. The outbreak of diseases is common across the world. But the important thing that stands out is public awareness, their advisory-abiding behaviour, accessing hospital and getting diagnosed. That is the reason that outbreaks of Nipah or MPox are detected early and scientifically managed without any hassle.

Public health emergencies and pandemics remind us that health systems must remain prepared, responsive, and closely connected with the community. The recent experiences of the COVID-19 pandemic and various other communicable disease outbreaks especially involving newer pathogens have shown that timely preparedness, a coordinated response, and strong community participation are essential to the reduction of health risks and protection of lives. Kerala Health has managed COVID in exemplary ways with the involvement of people and all the line departments. Following the COVID pandemic, all international and national organizations have worked on preparedness and published guidelines, books and papers. But the most important question one should ask “Have we learned our lessons?” and “In what way these learning we have put to practice managing future health emergencies?”

It is with this thought process of “WHAT IS NEXT?”, a series of meetings were taken with Senior Medical Officers at the State level and district level of Directorate of Health Services. All officers of Medical Colleges and other stakeholders were also oriented to prepare the Pandemic Management Plans. Series of workshops were conducted in the districts to further follow up works done by the district teams.

The concept of ‘Learning by Doing’ was put to practice. NHM has deployed Epidemiologists in all Block FHCs. It was important to build their capacity to ensure day to day involvement in analysis and giving inputs for taking control and mitigation activities. Alappuzha district took the challenge and prepared a template. Dr Dileep and team took wholehearted efforts to work on this task. The prepared template was validated and sent to all concerned.

Later the district officers conducted series of capacity building meetings with all health as well as line departments functionaries. They submitted the first draft and conducted a workshop in which few plans of Panchayath, Block and major institutions in the Districts such as General Hospital, District Hospital and Medical Colleges were presented. Post discussions and getting feedback the district team fine-tuned the Plans. As Alappuzha district completed all Panchayaths and District Plans in depth, they were made into a ‘Learning Site’. Another concept of capacity building was put to practice. All the key officers of the respective districts were sent to Alappuzha in two batches to understand the method with which the Pandemic Preparedness Plans should be prepared. This exposure and interactions were very useful as most of the officers realised the importance of doing such planning.

The state level resource team comprising of Dr Mahesh N, Dr Ajan M J, Dr Harikumar S, Dr Bijoy E, Dr Dileepkumar S R and others supported the district teams and all the districts prepared the Pandemic Management Plans. Dr Vinay Goyal then SMD NHM and Mr Rahul Sharma present SMD NHM provided their leadership to facilitate plans preparations.

Simultaneously this initiative was discussed with Digital University of Kerala, and they were engaged to develop Kerala Pandemic Management System. This system envisages an end-to-end solution for pandemic management. This will make things easy for the field workers and all functionaries at the health institutions to update the information. As we go forward, it is envisaged that HOEC shall work as Hub and information flow will be from Kerala Pandemic Management System, IDSP, IHIP, SDMA and other information sources to HOEC at the time of any disaster/ health emergency.

It is noteworthy to mention here that after Alappuzha, Thrissur also prepared a comprehensive Pandemic management Plan and Festival management Plan. Unfortunately, during this year's Thrissur Pooram preparations, there was a massive fire accident, but the Thrissur MCH team put the Management Protocol in practice and in a short span of time within eight minutes, they took care of the fire disaster victims and provided exemplary services. While they were handling the incident, thanks to timely preparation and awareness, they were handling hundreds of emergencies not relating to the disaster during that period. This has clearly demonstrated to all that well-prepared planning and capacity building is the key to mitigating problems.

I would like to highlight here that these plans are not only at the state and district level but up to the Panchayath level. We first oriented and coordinated work on the Panchayath Pandemic Preparedness Plans. These plans were collated to make Block Plans. At the same time District teams worked on the District Pandemic Plans by taking the details from Panchayath Plans as well as the assets available at the district. This has made our Grama Panchayat/Municipality/Corporation equipped to effectively prevent, detect, and respond to public health emergencies.

The plan serves as a framework for coordinated action involving the Health Department and other line departments, organisations, volunteers and other stakeholders at the local self-government level. The plans follow a One Health approach, recognizing the close relationship between human health, animal health, and the environment in the emergence and spread of diseases. Strengthening disease surveillance, infection prevention and control measures, environmental sanitation, risk communication, and community awareness are all important components of local preparedness.

We incorporated surge preparedness plans which can be adopted quickly during a public health emergency. Particular attention was also given to vulnerable populations including the elderly, children, persons with disabilities, individuals with chronic illnesses, and socially disadvantaged groups who may face greater risks during emergencies. Early reporting, community engagement, and coordinated interdepartmental action are critical for minimizing the impact of outbreaks and ensuring continuity of essential health services.

Kerala Health has taken this initiative for the last six months; there are hundreds of officers involved in preparing and completing such a huge task. Therefore, the design of the book is also done in a different way. It was decided that the officers who hands on worked on this project should be

mentioned prominently. As this is a unique milestone achieved by Kerala Health, the sincerely working officers' names are put on the cover itself.

These tasks would not have been possible without the support of the state resource officers' team of Dr Vinay Goyal, Mr Rahul Sharma, Dr Mahesh, Dr Ajan, Dr Dileepkumar, Dr Harikumar, Dr Ravindran, and many others. I appreciate their untiring efforts and patience for agreeing to do additional things which I pushed to them in the last minutes.

I sincerely appreciate the efforts of one and all and I am confident that Kerala Health team is having capability and will to take up any challenge and excel in their endeavours.

Dr. Rajan N Kobragade IAS

Additional Chief Secretary

Health & Family Welfare Department

Government of Kerala

## Message



When we look at public health through an operational lens, it becomes clear that managing a crisis is as much about robust architecture as it is about public health interventions. A successful response relies on the strength of our systems: seamless data flows, efficient resource deployment and reliable communication networks.

The COVID-19 pandemic was an inflection point for public health systems worldwide. It exposed vulnerabilities, tested our capacity to respond under pressure, and reinforced the irreplaceable value of preparedness. As we move forward, it is imperative that the lessons we learnt from that experience are institutionalised and embedded into the very fabric of how our districts plan, coordinate, and respond to health emergencies.

This District Pandemic Preparedness Plan represents a significant milestone in our collective journey toward building resilient and responsive public health systems across the State. It is the outcome of sustained collaboration, ground-level insight, and an unwavering commitment shared by every member of our health team. From an administrative perspective, this plan is the blueprint that translates vital epidemiological data into actionable workflows on the ground. It ensures that our infrastructure, logistics, and human resources are perfectly synchronized, enabling our medical teams to deliver care without delay.

This Plan has been designed to serve as a practical, actionable guide for our health teams. It outlines clear roles and responsibilities, establishes robust surveillance and early warning mechanisms, streamlines supply chain and logistics frameworks, and ensures that our health workforce is trained, equipped, and supported to respond to emergencies. A preparedness plan is only as strong as the systems that sustain it, and this document reflects our shared commitment to building those systems with care and rigour.

I place on record my sincere appreciation for the district health team and all other stakeholders whose knowledge and commitment have shaped this framework. Their dedication to public health service is a source of great strength for us. I also call upon them to internalise this plan, champion its implementation, and treat preparedness not as a mandate from above, but as a professional and moral obligation to the communities we serve. Together, we have the capacity and the responsibility to ensure that no community in our State is caught unprepared.

**Rahul Krishna Sharma IAS**

**State Mission Director**

**National Health Mission**

## Message



At the heart of an effective public health response is a simple truth:- a strong healthcare system doesn't just react to a crisis—it anticipates and prepares for it. Our true readiness is measured by how quickly and empathetically we can turn complex medical strategies into organized care on the ground.

Our District Pandemic Preparedness plans serve as a clinical and tactical guide. They bridge the gap between public health data and reality, turning data into clear action plans for our frontline workers. This ensures that everyone from Family Health Centres to major hospitals operates with complete clarity and a shared purpose.

A pandemic requires a balance of science and human compassion. While we look at data, trends, and logistics to plan our resources, our ultimate focus remains on the people and families behind those numbers. Ensuring clinical readiness, securing medical supply chains, and maintaining unbroken communication networks are the pillars that allow our medical teams to respond to emergencies and save lives.

I want to express my deepest gratitude to our public health workforce; your dedication is the foundation of our resilience. In particular, I thank the DMO, DPM, district program officers, medical officers, public health staff, and every member of the health team who worked tirelessly to bring this plan to life. By embedding these strategies into our daily work, we are doing more than just preparing for a future crisis—we are actively safeguarding the health, dignity, and future of our communities.

Let us continue to lead with science, serve with empathy, and strengthen our collective resilience.

**Dr Reena K J**

**Director of Health Services**

## Message

The district of Idukki, with its expansive highlands, forest ecosystems, and dispersed human settlements, represents one of Kerala's most ecologically diverse regions. This diversity, while being a source of strength and identity, also necessitates a nuanced and context-specific approach to public health preparedness.

Unlike densely populated urban districts, Idukki presents a unique combination of challenges: geographical remoteness, difficult terrain, human interaction with wildlife, and a mobile workforce linked to plantation and tourism sectors. These factors collectively influence patterns of disease emergence, detection, and response. Public health systems in such a setting must therefore be anticipatory, flexible, and deeply integrated with the district's socio-environmental realities.

The recent global health crisis and other emerging zoonotic concerns have underscored an important reality: preparedness cannot be episodic; it must be institutionalised. The ability to respond effectively depends not only on medical infrastructure but also on coordination, communication, and clarity of roles across sectors.

It is in this context that the Pandemic Preparedness Plan – Idukki District has been developed. This document is not merely a response framework, but a structured roadmap that brings together risk assessment, surveillance strategies, resource planning, and inter-departmental coordination into a unified system. It reflects the collective effort of the District Health Department, guided by the leadership of the District Medical Officer, and supported by multiple stakeholders.

I would like to acknowledge the commitment and professionalism demonstrated by the health team in conceptualising and compiling this plan. Their work strengthens the district's capacity to respond to uncertainties with confidence and efficiency.

At the same time, it is essential to recognise that public health preparedness extends beyond any single department. Effective implementation will depend on the active participation of all line departments, local self-government institutions, and community-level functionaries. Convergence of efforts—administrative, technical, and social—will be the cornerstone of success.

Ensuring public health security in a district like Idukki requires an approach that is both scientifically grounded and locally responsive. The geographical diversity, ecological sensitivity, and settlement patterns of the district demand a preparedness framework that goes beyond conventional models of disease control.

The Pandemic Preparedness Plan – Idukki District has been developed as a systematic effort to strengthen our capacity to anticipate, detect, and respond to emerging public health threats. This document is the outcome of detailed planning, risk assessment, and extensive consultations within the health system and with allied departments. It seeks to translate lessons learned from recent health emergencies into structured protocols that can be readily implemented in real-time scenarios.

A key focus of this plan is to enhance surveillance systems, streamline reporting mechanisms, and ensure rapid response at all levels from peripheral health institutions to district-level coordination

units. Emphasis has also been placed on strengthening laboratory linkages, case management pathways, infection prevention and control measures, and risk communication strategies. Together, these components form an integrated framework aimed at minimising both health and socio-economic impacts during a pandemic.

This initiative would not have been possible without the dedicated efforts of the district health team, whose commitment and professionalism have been instrumental in shaping this document. I also acknowledge the valuable support extended by various line departments and stakeholders, whose collaboration is essential for effective implementation.

It is important to emphasise that preparedness is a continuous process. This document is intended to serve as a dynamic guide, to be periodically reviewed and updated in line with evolving scientific evidence, technological advancements, and field-level experiences. Capacity building, inter-sectoral coordination, and regular simulation exercises will remain central to sustaining preparedness.

This document is intended to evolve. As new knowledge emerges and field experiences accumulate, the strategies outlined here must be revisited and refined. Regular reviews, capacity-building exercises, and simulation drills will be crucial in ensuring that the district remains prepared for a wide range of public health contingencies.

I commend this initiative and present this document as a step towards strengthening resilience, safeguarding communities, and reinforcing our commitment to proactive governance in public health.

I am confident that this plan will serve as a practical and effective tool in strengthening the district's resilience against future public health emergencies.

**District Surveillance Officer**

**Idukki**

## Executive Summary

Idukki district, one of the most geographically distinctive and sparsely populated districts in the state of Kerala, is known for its mountainous terrain, dense forests, and plantation economy. Formed on 26 January 1972, the district is located in the Western Ghats region of India. It is bordered by Eramkulam district and Kottayam district to the west, Pathanamthitta district to the south, Tamil Nadu to the east, and Thrissur district to the north. Covering an area of approximately 4,358 sq. km, Idukki is the second-largest district in Kerala and comprises multiple taluks, block panchayats, and municipalities, with settlements distributed across hilly and often remote terrains.

Geographically, Idukki is characterised by high ranges, valleys, forested landscapes, and river basins. The district forms part of the ecologically sensitive Western Ghats and includes major hydrological systems such as the Periyar River, Thodupuzha River, and Pamba River. The presence of large reservoirs and dams, including the Idukki Dam, contributes to both water resource management and disaster risk, particularly during extreme rainfall events. The district's terrain makes it highly susceptible to landslides, flash floods, and climate-related hazards, especially during the monsoon season.

The district can broadly be divided into high-range plantation zones, midland agricultural areas, and forest-fringe settlements. Regions such as Munnar, Devikulam, and Peermade are dominated by plantation economies (tea, cardamom, spices), while areas like Thodupuzha and Idukki town exhibit relatively better connectivity and mixed economic activities. However, many remote tribal and forest-border areas face limited access to healthcare and essential services.

Idukki's socio-economic profile is shaped by plantation agriculture, forestry, hydropower generation, eco-tourism, and small-scale farming. The district has a relatively low population density compared to other districts in Kerala, but its population is dispersed across difficult terrain. Seasonal labour migration, tourism inflow, and inter-district mobility contribute to population movement patterns that may increase vulnerability to infectious disease transmission.

Historically, the district has reported outbreaks of vector-borne diseases such as dengue, Malaria, Chikungunya and zoonotic diseases like leptospirosis, and scrub typhus, particularly during and after the monsoon season. Environmental factors such as heavy rainfall, forest proximity, and water stagnation in certain areas create favourable conditions for disease transmission. Public health challenges are further intensified during natural disasters such as landslides and floods, which can disrupt healthcare access, displace populations, and strain existing health infrastructure.

In this context, the District Pandemic Preparedness Plan for Idukki has been developed to strengthen the district's capacity to prevent, detect, and respond effectively to pandemics and large-scale disease outbreaks. The plan aims to build a resilient, inclusive, and well-coordinated public health system through collaboration among Local Self-Governments (LSGs), the District Disaster Management Authority (DDMA), the Health Department, and other key stakeholders.

Key priorities of the plan include strengthening integrated disease surveillance systems, early warning mechanisms, laboratory networks, and rapid response teams, with linkages to national

reference institutions such as the National Institute of Virology. The plan also focuses on ensuring continuity of essential health services, strengthening infection prevention and control (IPC) practices, expanding healthcare surge capacity, and maintaining uninterrupted supply chains for medicines, diagnostics, and personal protective equipment during emergencies.

Special emphasis is placed on protecting vulnerable populations, including elderly individuals, persons with chronic illnesses, plantation workers, tribal communities, migrant labourers, and residents of remote or disaster-prone areas. The plan prioritises community engagement, risk communication, and multi-sectoral coordination to ensure timely dissemination of accurate information and active public participation in preparedness and response activities.

By integrating public health preparedness with disaster risk reduction and climate resilience, the District Pandemic Preparedness Plan provides a comprehensive framework for safeguarding the health and well-being of the population in Idukki. Its effective implementation will enhance district-level readiness, reduce morbidity and mortality, and minimise socio-economic disruption, thereby strengthening the district's resilience against future pandemics and public health emergencies.

**List of Contributors**

<b>1</b>	Dr Jobin Joseph, DSO, Idukki
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## LIST OF ABBREVIATIONS

LSGD/LSGI	LOCAL SELF GOVERNMENT DEPARTMENT / LOCAL SELF GOVERNMENT INSTITUTION
BMO	BLOCK MEDICAL OFFICER
IDSP	INTEGRATED DISEASE SURVEILLANCE PROGRAMME
NDMA	NATIONAL DISASTER MANAGEMENT AUTHORITY
PPE	PERSONAL PROTECTIVE EQUIPMENT
ICMR	INDIAN COUNCIL OF MEDICAL RESEARCH
CD	COMMUNICABLE DISEASES
NCD	NON-COMMUNICABLE DISEASES
MO	MEDICAL OFFICER
HS	HEALTH SUPERVISOR
JHI	JUNIOR HEALTH INSPECTOR
ASHA	ACCREDITED SOCIAL HEALTH ACTIVIST
PHC	PRIMARY HEALTH CENTRES
CHC	COMMUNITY HEALTH CENTRES
HSS	HIGHER SECONDARY SCHOOL
VHSC	VOCATIONAL HIGHER SECONDARY SCHOOL
UP	UPPER PRIMARY
LP	LOWER PRIMARY
EPEP	EXTREME POVERTY ERADICATION
BPL	BELOW POVERTY LINE
CAPD	CONTINUOUS AMBULATORY PERITONEAL DIALYSIS
TB	TUBERCULOSIS
FHC	FAMILY HEALTH CENTRE
THQH	TALUK HEADQUARTERS HOSPITAL
MCH	MEDICAL COLLEGE HOSPITAL
DH	DISTRICT HOSPITAL
TH	TALUK HOSPITAL
IP	IN-PATIENT
AYUSH	AYURVEDA, YOGA & NATUROPATHY, UNANI, SIDDHA & HOMOEOPATHY
ICU	INTENSIVE CARE UNIT
BLS	BASIC LIFE SUPPORT
ALS	ADVANCED LIFE SUPPORT
USG	ULTRASONOGRAPHY
CT	COMPUTED TOMOGRAPHY
MRI	MAGNETIC RESONANCE IMAGING
RT-PCR	REVERSE TRANSCRIPTION POLYMERASE CHAIN REACTION
MFM	MASS FATALITY MANAGEMENT
HI	HEALTH INSPECTOR
LHS	LADY HEALTH SUPERVISOR
LHI	LADY HEALTH INSPECTOR
JPHN	JUNIOR PUBLIC HEALTH NURSE
MLSP	MID-LEVEL SERVICE PROVIDERS
PRO	PUBLIC RELATIONS OFFICER
RBSK	RASHTRIYA BAL SWASTHYA KARYAKRAM

AWW	ANGANWADI WORKERS
MGNREGS	MAHATMA GANDHI NATIONAL RURAL GUARANTEE SCHEME
NCC	NATIONAL CADET CORPS
NSS	NATIONAL SERVICE SCHEME
CBO	COMMUNITY BASED ORGANISATION
NGO	NON-GOVERNMENTAL ORGANISATION
FBO	FAITH BASED ORGANISATION
SHG	SELF-HELP GROUP
PDS	PUBLIC DISTRIBUTION SYSTEM
GIS	GEOGRAPHIC INFORMATION SYSTEM
ADD	ACUTE DIARRHEAL DISEASE
E.COLI	ESCHERICHIA COLI
HEP A	HEPATITIS A
H1N1	HEMAGGLUTININ TYPE 1 & NEURAMINIDASE TYPE 1
PEID	PREVENTION OF EPIDEMIC & INFECTIOUS DISEASES
RRT	RAPID RESPONSE TEAM
IEC	INFORMATION, EDUCATION & COMMUNICATION
EOC	EMERGENCY OPERATION CENTRES
ICS	INCIDENT COMMAND SYSTEM
DMO	DISTRICT MEDICAL OFFICER
LDMC	LOCAL SELF GOVERNMENT DISASTER MANAGEMENT COMMITTEE
TAT	TURNAROUND TIME
SOP	STANDARD OPERATING PROCEDURE
SIT REP	SITUATION REPORT
IHIP	INTEGRATED HEALTH INFORMATION PLATFORM
ILI	INFLUENZA LIKE ILLNESS
SARI	SEVERE ACUTE RESPIRATORY INFECTION
DSO	DISTRICT SURVEILLANCE OFFICER
IPC	INFECTION, PREVENTION AND CONTROL
IPC	INDIAN PENAL CODE
DSU	DISTRICT SURVEILLANCE UNIT
ICDS	INTEGRATED CHILD DEVELOPMENT SERVICES
HSC	HEALTH SUB-COMMITTEE
PWD	PERSON WITH DISABILITY
ILR	ICE LINED REFRIGERATOR
DF	DEEP FREEZER
AEFI	ADVERSE EVENT FOLLOWING IMMUNIZATION
MOHFW	MINISTRY OF HEALTH AND FAMILY WELFARE
FEFO	FIRST EXPIRED, FIRST-OUT
HR	HUMAN RESOURCE
KMSCL	KERALA MEDICAL SERVICES CORPORATION LIMITED
WHO	WORLD HEALTH ORGANIZATION
CPM	CHLORPHENIRAMINE MALEATE
INJ	INJECTION
TAB	TABLET
IV	INTRAVENOUS
ORS	ORAL REHYDRATING SOLUTION
DNS	DEXTROSE AND SODIUM CHLORIDE
NS	NORMAL SALINE
DMHP	DISTRICT MENTAL HEALTH PROGRAMME
SVO	STORE VERIFICATION OFFICER

PSK	PHARMACIST STORE KEEPER
MVD	MOTOR VEHICLE DEPARTMENT
PRD	PUBLIC RELATIONS DEPARTMENT
MSL	MINIMUM STOCK LEVEL
HIV	HUMAN IMMUNODEFICIENCY VIRUS
RDT	RAPID DIAGNOSTIC TEST
PCR	PANDEMIC CONTROL ROOM
SMO	SURVEILLANCE MEDICAL OFFICER
DISHA	DIRECT INTERVENTION SYSTEM FOR HEALTH AWARENESS
NIV	NATIONAL INSTITUTE OF VIROLOGY
PH	PUBLIC HEALTH
CSF	CEREBRO SPINAL FLUID
BCC	BEHAVIOUR CHANGE COMMUNICATION
RCH	REPRODUCTIVE AND CHILD HEALTH
DEMO	DISTRICT EDUCATION AND MEDIA OFFICER
TA	TECHNICAL ASSISTANT
TPR	TEST POSITIVITY RATE
CFR	CASE FATALITY RATE
CFLTTC	COVID FIRST LINE TREATMENT CENTRE
BID	BROUGHT-IN-DEAD
VOC	VARIANT OF CONCERN
VOI	VARIANT OF INTEREST
CSR	CORPORATE SOCIAL RESPONSIBILITY
DAHO	DISTRICT ANIMAL HUSBANDRY OFFICE
AE	ASSISTANT ENGINEER
AAR	AFTER-ACTION REVIEW
DFO	DISTRICT FOREST OFFICER

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## 1. INTRODUCTION

### **Background of the Pandemic Preparedness Plan**

Idukki District, located in the high ranges of Kerala, is characterized by mountainous terrain, dispersed settlements, plantation-based livelihoods, and significant ecological sensitivity as part of the Western Ghats. The district's unique geography, including forested areas, valleys, and remote habitations, poses considerable challenges for equitable access to healthcare services and timely emergency response.

The district's public health system operates through a network of Primary Health Centres (PHCs), Community Health Centres (CHCs), taluk hospitals, and the district hospital, supported by Local Self-Government Institutions (LSGs) and community-based platforms. Despite these systems, geographical barriers, transportation constraints, and uneven distribution of health infrastructure can limit service delivery, particularly in remote and tribal areas.

In addition to pandemics, Idukki is vulnerable to seasonal outbreaks of vector-borne diseases, especially Malaria, dengue, Filariasis and zoonotic diseases like leptospirosis, and scrub typhus, particularly during monsoon periods. Environmental factors including heavy rainfall, forest proximity, and localized water stagnation contribute to increased disease transmission risks. The district is also prone to natural disasters such as landslides and floods, which can disrupt essential services, displace populations, and heighten the risk of communicable disease outbreaks.

Population characteristics such as presence of tribal communities, plantation workers, and migrant labourers further necessitate inclusive and targeted public health strategies. Movement of people associated with tourism, seasonal employment, and inter-district connectivity also increases the risk of rapid disease spread.

The background of this plan highlights the need for strengthening integrated disease surveillance systems, improving healthcare infrastructure and human resource capacity, enhancing emergency response mechanisms, and ensuring continuity of essential services during crises. It also underlines the importance of risk communication, community engagement, and inter-departmental coordination in building a resilient health system.

Overall, this plan provides a strategic framework to address existing vulnerabilities, leverage local strengths, and enhance preparedness and resilience in Idukki District against future pandemics and large-scale disease outbreaks.

### **VISION**

A resilient and healthy community that implements a practical and comprehensive system to prevent, detect, and respond effectively to pandemics and large-scale disease outbreaks, while continuously strengthening public health capacities and community awareness.

### **MISSION**

To develop and establish structurally and functionally capable administrative units at the district and taluk levels, proficient in pandemic surveillance, early warning, response, and healthcare management. These units will be prepared to minimize morbidity and mortality, ensure continuity of essential health services, and deliver timely interventions during public health emergencies.

### DISTRICT AT A GLANCE

BLOCK	TOTAL WARDS	TOTAL HOUSES	TOTAL POPULATION	TOTAL MIGRANTS	TOTAL WELLS	TOTAL HOTSPOTS	TOTAL EDUCATIONAL INSTITUTIONS
THODUPUZHA	83	22981	86608	1764	11439	16	58
ELAMDESHAM	106	34235	125060	1641	16963	13	71
IDUKKI	95	32571	122610	2383	10287	15	105
KATTAPANA	66	31816	144699	5166	12576	6	57
NEDUMKANDAM	114	44450	159352	8954	8443	9	83
DEVIKULAM	134	40835	133010	9663	788	13	83
AZHUTHA	107	39901	146384	3248	7460	67	87
ADIMALY	91	35583	131235	4905	9479	18	69

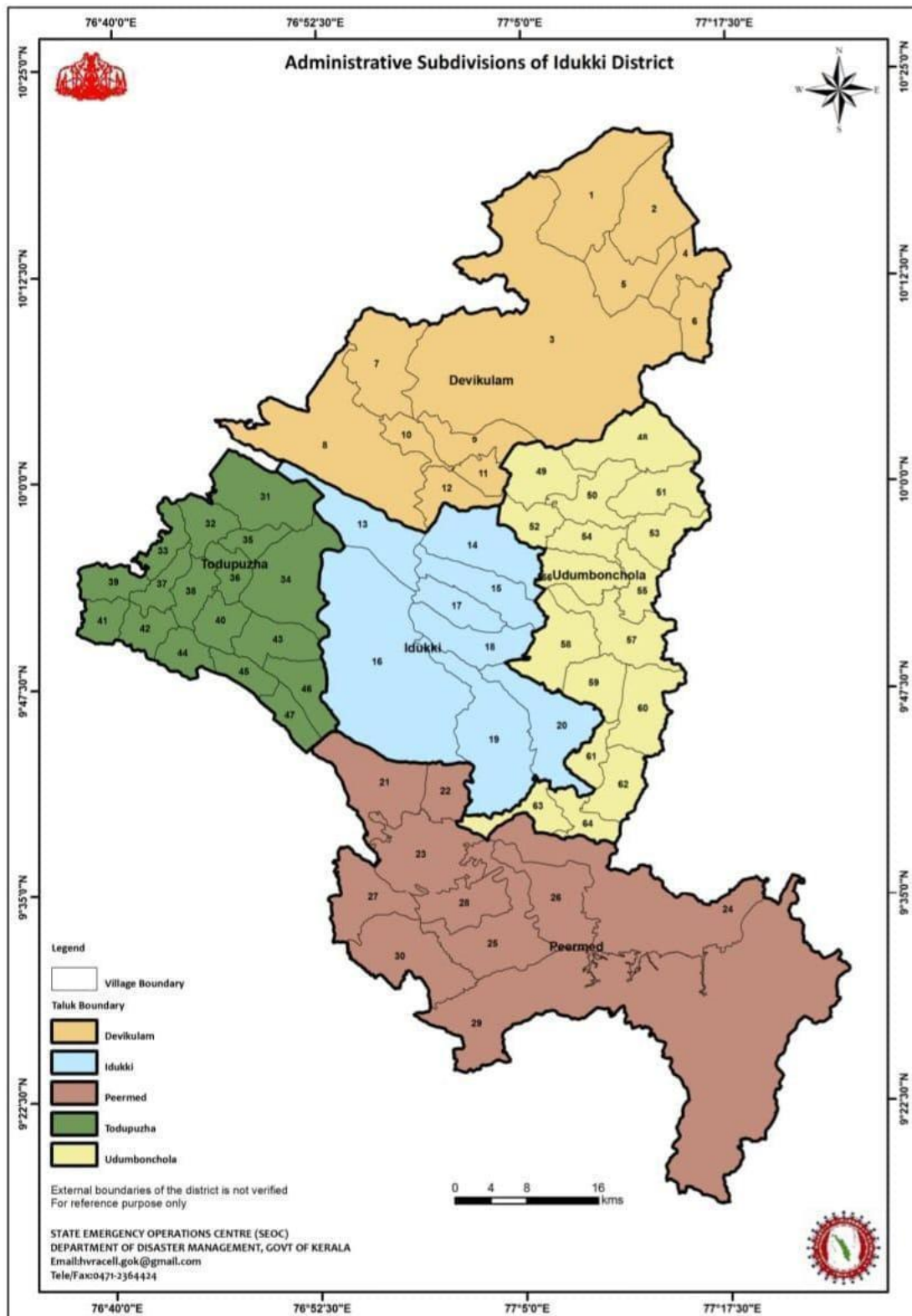
## DISTRICT PROFILE

Headquarters	Painavu
Total area(district)	4612SqKm
District boundaries	East-MaduraiDistrict ofTamilNaduState, West- Ernakulamand KottayamDistricts., South- Pathanamthitta District,North -Trichur and Coimbatore Districts
<b>ADMINISTRATIVE DIVISIONS</b>	
Taluks	5
Blocks	8
District Panchayaths	1
Gram Panchayaths	52
Municipalities	2
<b>GEOGRAPHY AND TOPOGRAPHY</b>	
Major Rivers	2 (Total-7)
Reservoirs	18
Forest	2713.7226 Ha
Wetland area	5699.06 Ha
<b>DEMOGRAPHY OF THE DISTRICT</b>	
Total population	1108998
Male	552808
Female	556166
Transgender	24
Age group population (0-6 years)	56972
Antenatal	7209
Tribal (over 332 settlements)	56707
<b>HEALTH INFRASTRUCTURE</b>	
Medical Colleges	1
District Hospitals	1
Taluk Hospitals	4
Family Health Centres	41
Community Health Centres (PHC)	13
Ayurveda Hospitals	65
Homeopathy Hospitals	61
<b>EDUCATIONAL INFRASTRUCTURE</b>	
High Schools	140
Higher Secondary Schools (HSS)	61
Vocational Higher Secondary Schools (VHSC)	12
Upper Primary Schools (UP)	78
Lower Primary Schools (LP)	250
Anganwadis	1561



ഇടുക്കി ജില്ലയുടെ പ്രധാന അഡ്മിനിസ്ട്രേറ്റീവ് ഭൂപടം  
(Administrative Map of Key Idukki Regions)

# ADMINISTRATIVE SUB-DIVISIONS IN IDUKKI DISTRICT

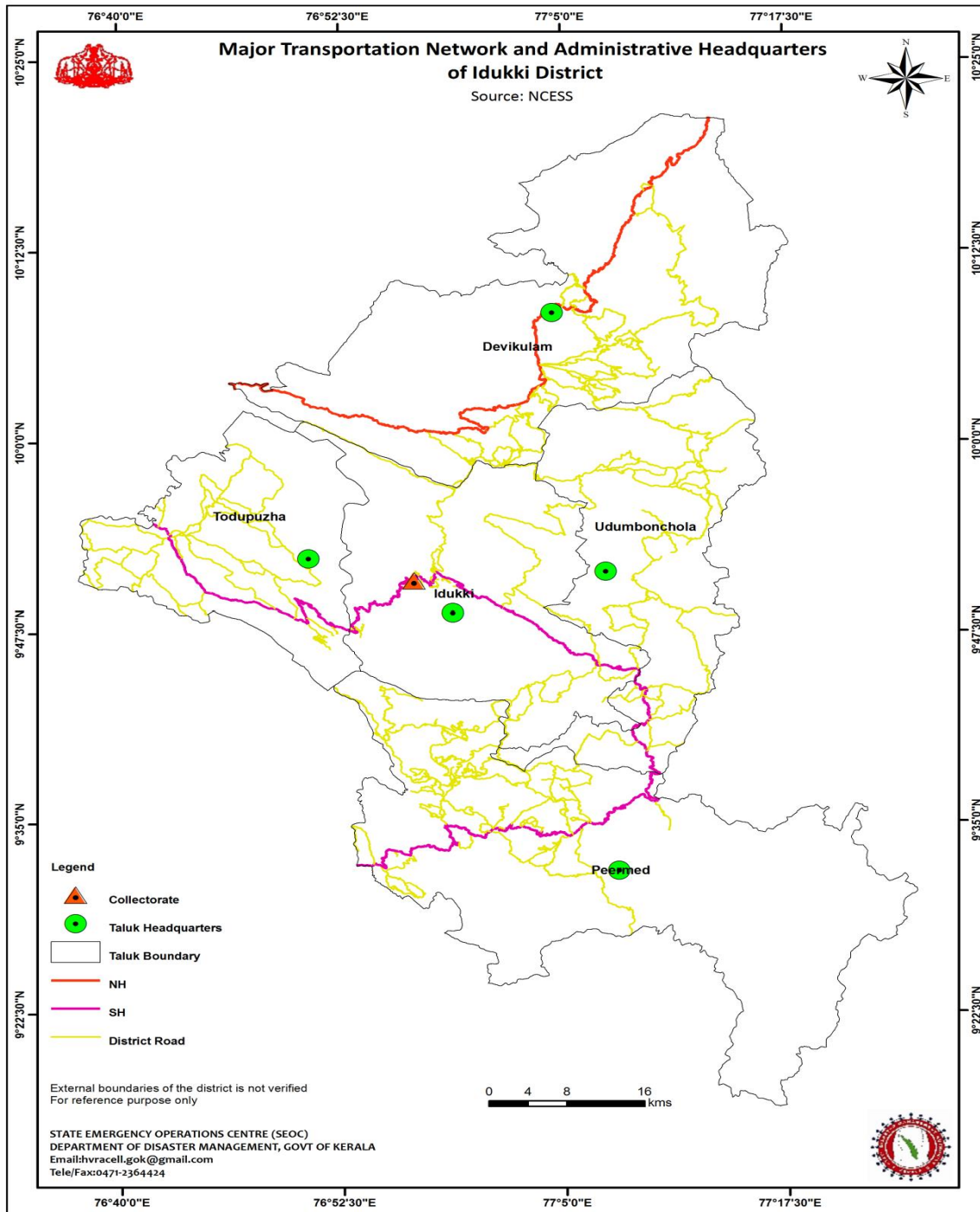


Source :- District Disaster Management Authority

**ADMINISTRATIVE MAP SHOWING LOCAL SELF-GOVERNMENTS (LSGs)**

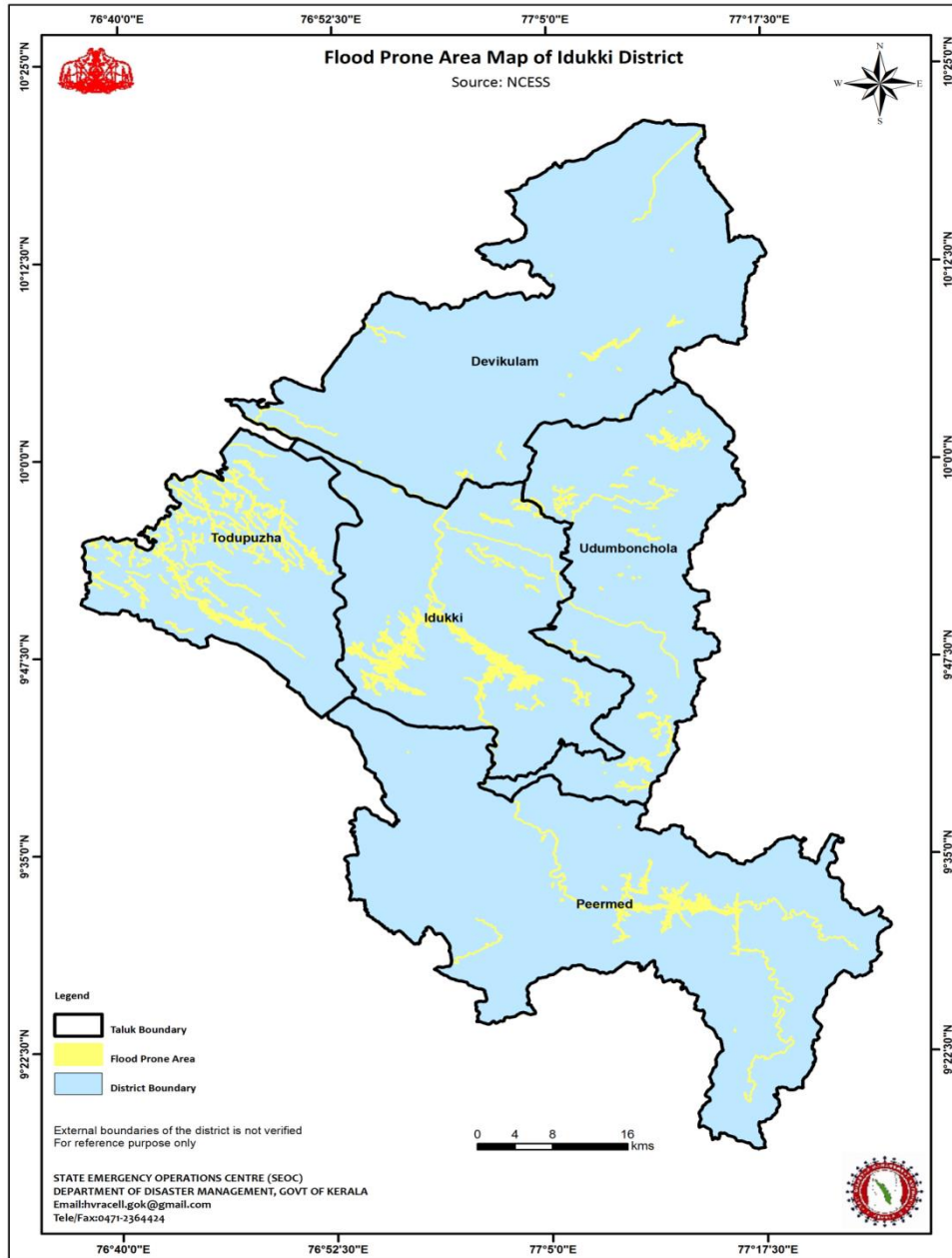


# MAJOR TRANSPORT NETWORK AND ADMINISTRATIVE HEADQUARTERS OF IDUKKI



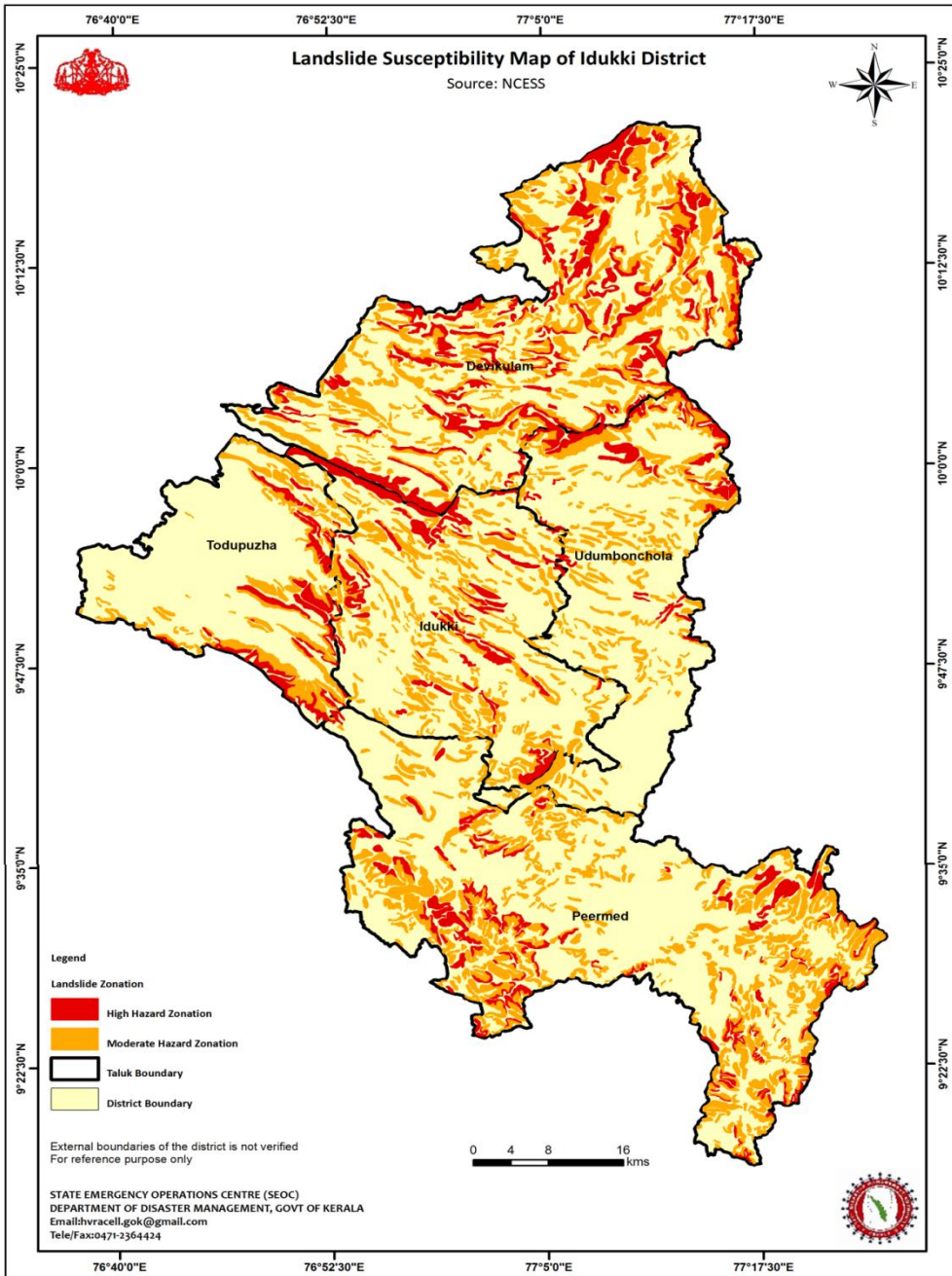
Source :- District Disaster Management Authority

# FLOOD PRONE AREA MAP OF IDUKKI DISTRICT



Source :- District Disaster Management Authority

# LANDSLIDE SUSCEPTIBILITY MAP OF DUKKI DISTRICT



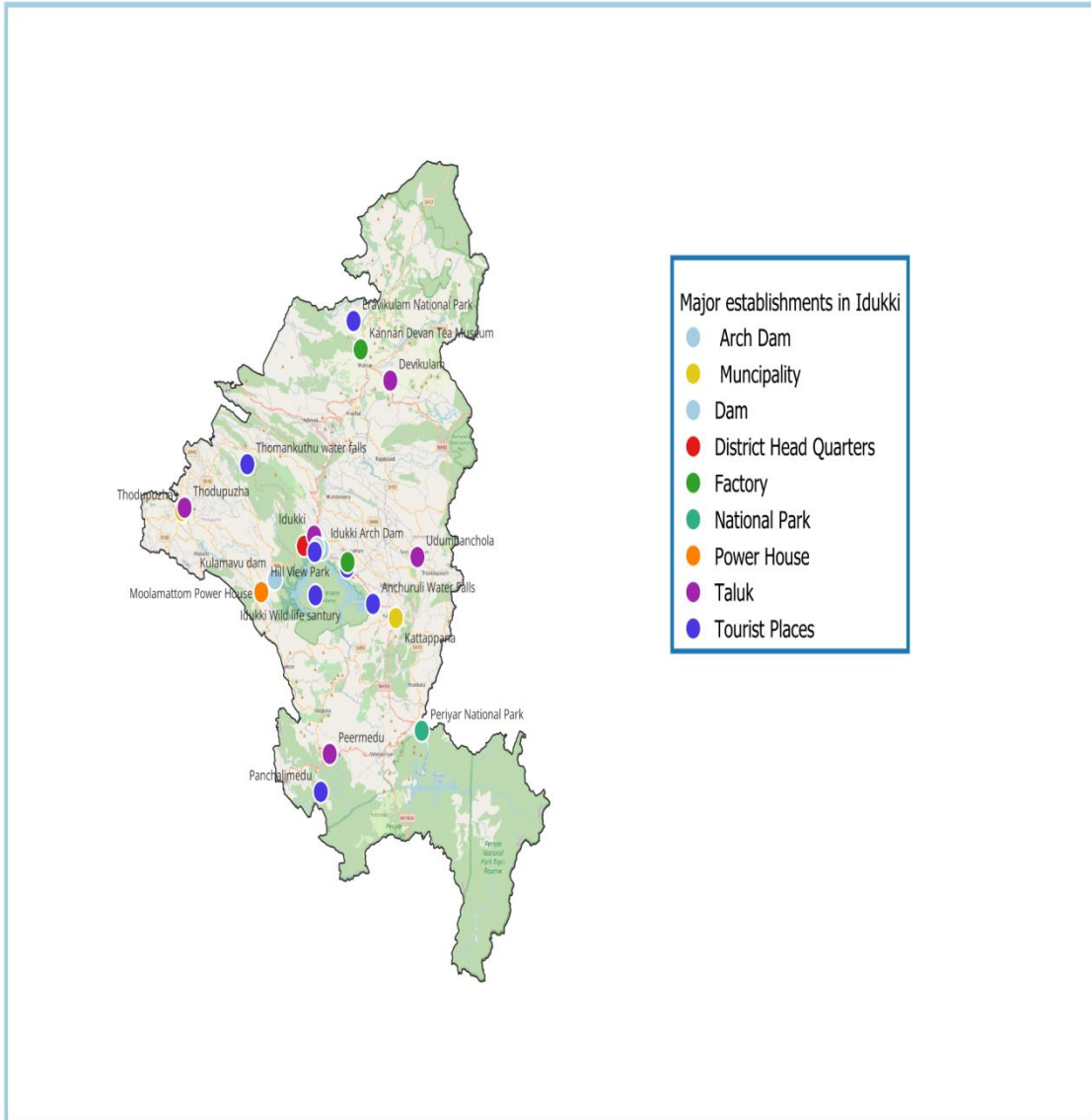
Source :- District

Disaster Management Authority

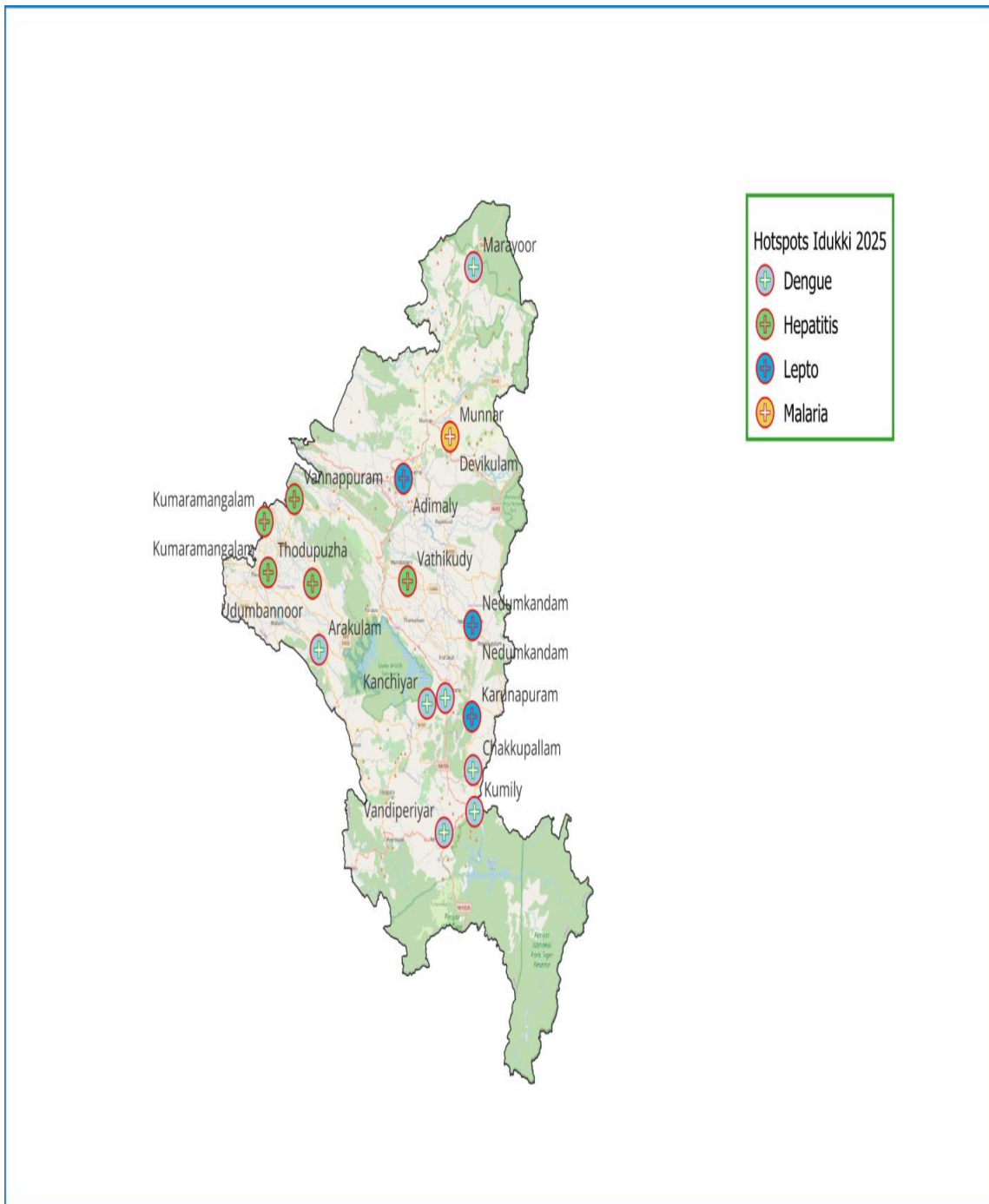
# INTEGRATED HEALTH INFRASTRUCTURE MAP OF IDUKKI DISTRICT



## MAJOR ESTABLISHMENTS IN IDUKKI



# CD HOTSPOTS



## ADMINISTRATIVE AND SOCIO-DEMOGRAPHIC PROFILE OF IDUKKI

This section provides a comprehensive overview of the administrative, demographic, and infrastructural landscape of Idukki. These factors are important for understanding the district's vulnerability and preparedness capacity in the context of public health emergencies and pandemic response.

<b>TABLE 1: BACKGROUND OF DISTRICT</b>	
<b>Description</b>	<b>Details</b>
<b>Name of District</b>	Idukki
<b>Number of Local Self-Governments (LSGs)</b>	District Panchayath - 1 Block Panchayaths -8 Municipalities - 2 Grama Panchayaths -52
<b>Total Area</b>	4612 sq. km
<b>Projected Population</b>	13,52,383
<b>Population Density</b>	255 persons per sq. km
<b>Terrain Characteristics</b>	Mountainous terrain, dense forests, and high-altitude plateaus within the Western Ghats. It is the second largest district in Kerala by area and has a unique topography featuring deep gorges, steep slopes, and high peaks.
<b>Major Rivers</b>	Periyar, Thalayar, Pampar, Thodupuzha, Muthirapuzha
<b>Number of Water Bodies</b>	1397
<b>Educational Institutions</b>	517
<b>Registered Industrial Units</b>	11
<b>Flood-Prone LSGs</b>	23
<b>Landslide-Prone LSGs</b>	44
<b>Death Management and Disposal Facilities</b>	Mortuaries – 8 Crematoriums – 3
<b>Auditoriums / Marriage Halls / Community Centres</b>	Auditoriums – 189; Community Halls – 94

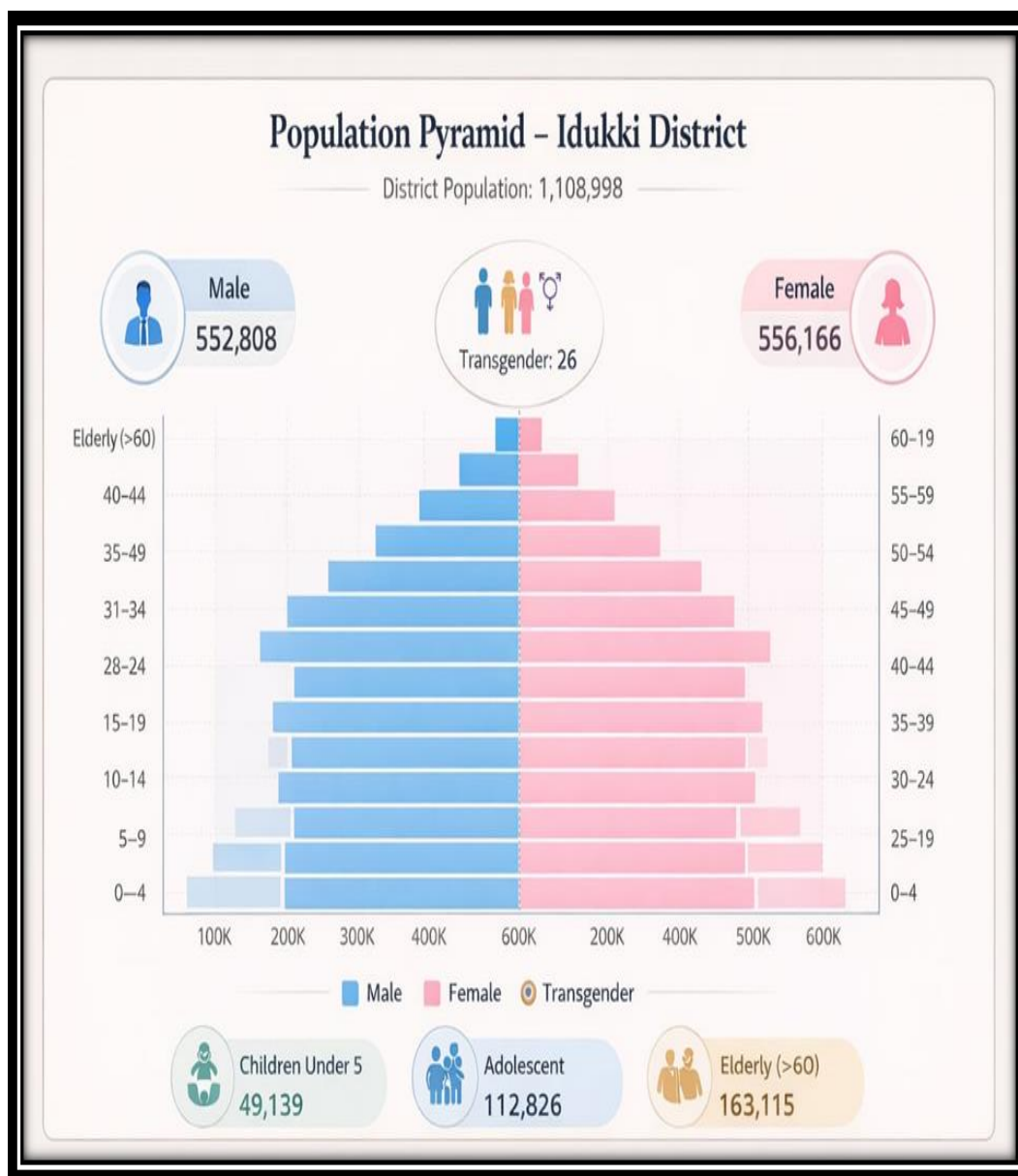
## DEMOGRAPHIC AND VULNERABLE POPULATION

Understanding the demographic composition and vulnerable population groups is essential for pandemic preparedness. Children, the elderly, economically deprived families, migrant workers, and socially vulnerable groups are at increased risk during public health emergencies due to higher exposure, limited access to services, and dependency on public systems.

Description	Details (in numbers)	
<b>DEMOGRAPHIC PROFILE</b>		
Total population	1108998	
Male	552808	
Female	556166	
Transgender	26	
Children under 5	49139	
Adolescent	112826	
Elderly (>60)	163115	
<b>SOCIAL/LIVELIHOOD VULNERABILITY</b>		
Previous EPEP family	2343	
BPL family	101,984	
Tribal communities	56707	
Migration	Immigrant	23882
	Emigrant	28783
Socio-economically deprived	8251	
SC Community	268,411	
ST Community	56707	

## POPULATION PYRAMID OF IDUKKI DISTRICT

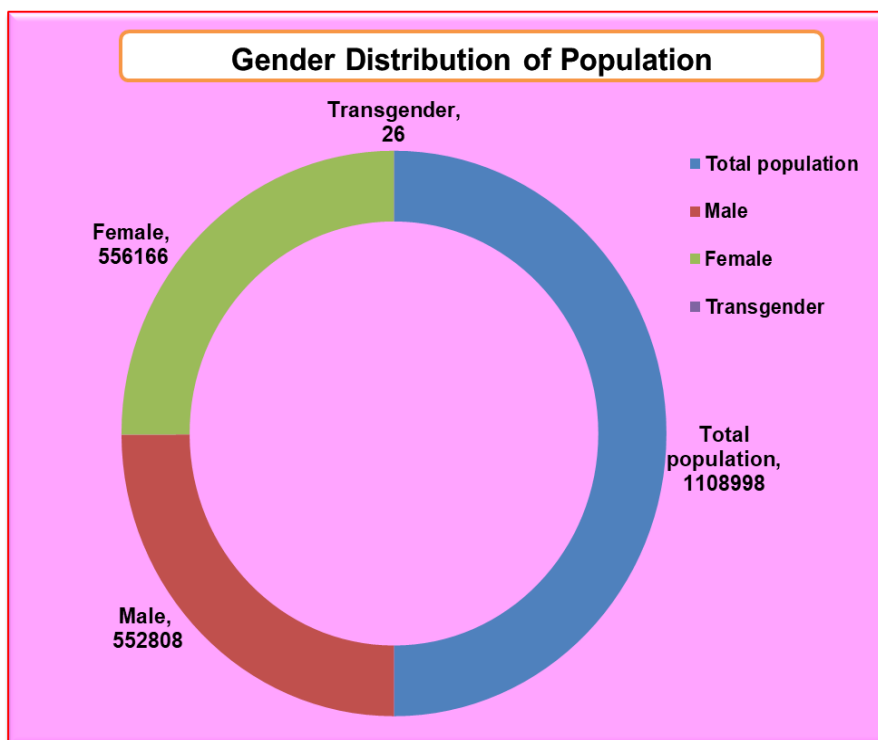
### Analysis of Age – Gender Distribution & Demographic Insights



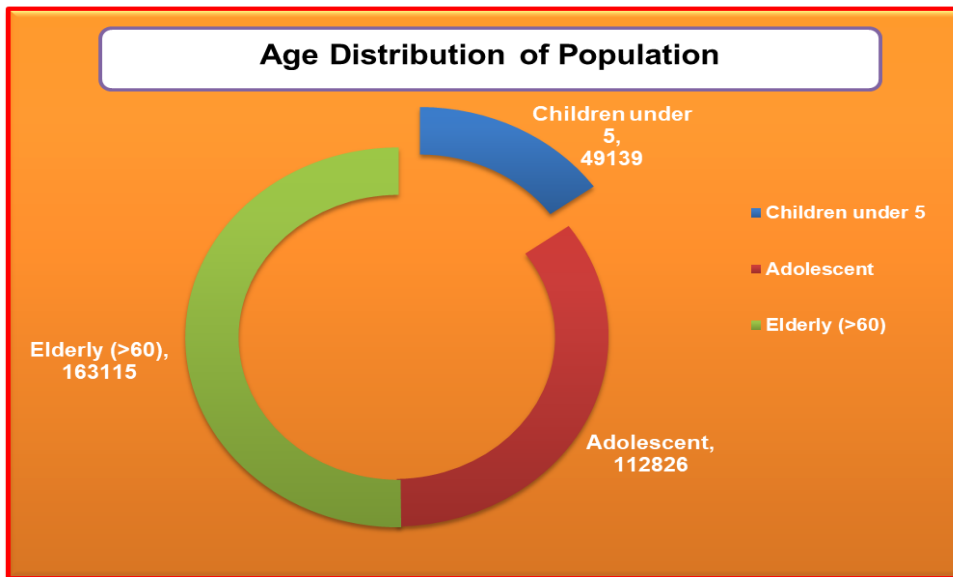
Idukki District's population pyramid shows a balanced gender distribution with more females, indicating good demographic stability. The high number of elderly people and a moderate

youth population mean we need better geriatric care, NCD services, and on-going public health planning.

### Gender Distribution of Population – Idukki District



### Age Distribution of Population – Idukki District



### Clinical Vulnerability

Certain population groups need priority healthcare & are at higher risk of severe illness, complications, and mortality during pandemics. Patients with chronic diseases, those requiring regular medical care, and individuals with mobility or functional limitations face challenges in accessing timely care during emergencies. Mapping these groups helps in prioritising continuity of treatment, medicine stock planning, oxygen support, referral transport, and targeted home-based care.

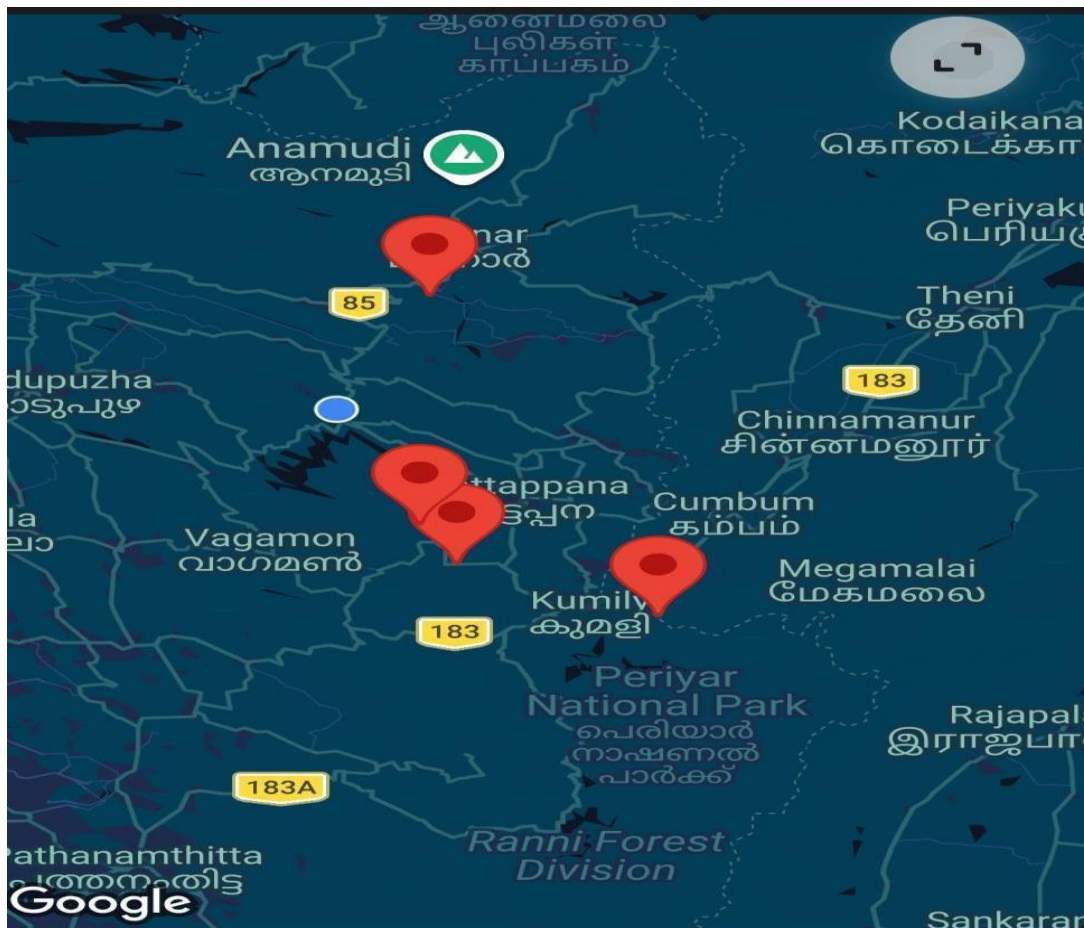
<b>Description</b>	<b>Details in numbers</b>
Pregnant women	4386
Lactating mothers	4116
Bedbound patients	7766
Patients under palliative care other than bedbound	1086
Patients on Haemodialysis	145
Patients on CAPD	13
Cancer patients (currently on treatment)	2870
Haemophilic patients	71
Mentally challenged	1408
Differently abled	26096
NCD Patient	152332
TB patients	386

### **Major Festivals & Events specific to the district**

<b>Sl. No.</b>	<b>Name of festival</b>	<b>Month detailing the periodicity</b>
1	Makaravilaku(Pullumedu)	January
2	Manchuvirattu	January
3	Sivarathi (Ayyapancoil)	February
4	St.Sebastian's Church Festival, Kattappana	February
5	Valliyankavu Bhagavathy Temple	March/ April
6	Sreekrishna Swami Temple Festival Thodupzha	March/ April
7	Mangaladevi Temple	April- May

8	Thekkady Flower Show	April -May
9	Munnar Flower Show	May
10	Devamatha Church Perunnal Rajakumary	September
11	Pattumala Church Festival	September
12	St.Mary's Forane Church, Chunkam, Thodupuzha	November
13	Anachal Temple	December

### MAJOR FESTIVALS' LOCATION



## 2. INFRASTRUCTURE & RESOURCE INVENTORY

### Health Facility Directory & Basic Capacity in the DISTRICT

This section provides an overview of the healthcare infrastructure available within the DISTRICT area. It outlines the distribution and basic capacity of health facilities that form the backbone of service delivery during routine times and public health emergencies.

41 Family Health Centres (FHCs) and 13 Community Health Centres (CHCs) generally function as the first point of contact for the community, providing essential outpatient and inpatient services.

Secondary and tertiary care institutions, including Taluk Hospitals (THQs) and Medical College Hospital (MCH), serve as referral hubs equipped with advanced diagnostics, specialized medical services, intensive care units, and critical care facilities, enabling them to handle complex cases and deliver comprehensive treatment during emergencies.

Care Level	Type of Facility	Rural	Urban	Total
Primary	Health & Wellness Centre	299	10	309
	Family Health Centre	41	0	41
	Urban Health & Wellness Centre	0	7	7
Secondary	Community Health Centre	13	0	13
	Taluk Hospital	0	1	1
	Taluk Head Quarters Hospital	3	0	3
Tertiary Specialized	District Hospital (DH)	0	1	1
	District TB Centre	1	0	1
	Medical College Hospital	1	0	1

The table presents the distribution of healthcare facilities across different levels of care—Primary, Secondary, Tertiary, and Specialized - categorized by rural and urban areas.

## HEALTH FACILITY RESOURCE SUMMARY

SI NO	HEALTH FACILITY	TYPE OF FACILITY (MCH/GH/CHC/ FHC/SC ETC.)	TOTAL BEDS	ICU BEDS	OXYG EN-SUPPOR TED BEDS	NO. OF VENTIL ATOR SUPPOR T BEDS	NO. OF AMBULA NCES
<b>GOVERNMENT HEALTHCARE FACILITIES</b>							
1	FHC BISON VALLEY	FHC	0	0	0	0	1
2	CHITHIRAPURAM	HWC	24	0	0	0	0
3	PHC KALLAR	FHC	0	0	0	0	1
4	FHC VELLATHOOVAL	FHC	5	0	0	0	0
5	FHC KONNATHADY	FHC	0	0	0	0	0
6	FHC DEVIYAR COLONY	FHC	0	0	0	0	0
7	THQH ADIMALI	CHC	100	7	12	1	3
8	MCH IDUKKI	MCH	300	12	120	4	4
9	CHC KANJIKUZHY	CHC	24	0	0	0	0
10	FHC VATHIKUDY	FHC	20	0	2	0	0
11	FHC VAZHATHOPE	FHC	3	0	1	0	0
12	FHC ARAKKULAM	FHC	0	0	0	0	0
13	FHC KAMAKSHY	FHC	2	0	0	0	1
14	FHC MARIYAPURAM	FHC	0	0	0	0	0
15	CHC VANDANMEDU	CHC	32	0	0	0	1
16	FHC KANCHIYAR	FHC	24	0	0	0	1
17	CHEMPAKAPPARA	PHC	0	0	0	0	0
18	AYYAPPANCOVIL	PHC	2	0	0	0	0
19	CHC UPPUTHARA	CHC	34	0		0	1
20	UPHC VAZZHAVARA	UPHC	2	0	0	0	0
21	THQH KATTAPANA	TH	30	0	4	3	1
22	CHAKKUPALLAM	PHC	0	0	0	0	0
23	CHC RAJAKKAD	CHC	10	0	0	0	1
24	FHC RAJAKUMARY	FHC	10	0	0	0	1

SI NO	HEALTH FACILITY	TYPE OF FACILITY (MCH/GH/CHC/ FHC/SC ETC.)	TOTAL BEDS	ICU BEDS	OXYGEN-SUPPORTED BEDS	NO. OF VENTILATOR SUPPORT BEDS	NO. OF AMBULANCES
25	PHC SENAPATHY	PHC	0	0	0	0	0
26	PHC PAMPADUMPARA	FHC	1	0	0	0	0
27	FHC K P COLONY	FHC	1	0	0	0	0
28	FHC KARUNAPURAM	FHC	0	0	0	0	0
29	THQH NEDUMKANDAM	THQH	106	0	56	4	1
30	FHC UDUMBANCHOLA	FHC	0	0	0	0	0
31	FHC KUMILY	FHC	24	0	0	0	2
32	CHC VANDIPERIYAR	CHC	24	0	0	0	1
33	PHC KOKKAYAR	PHC	0	0	0	0	0
34	FHC PERUVANTHANAM	FHC	4	0	1	0	1
35	FHC ELAPPARA	FHC	5	0	0	0	1
36	THQH PEERUMADE	THQH	54	0	30	0	2
37	CHC MARAYOOR	CHC	20	0	0	0	2
38	PHC CHATTAMUNNAR	PHC	3	0	0	0	0
39	FHC MANKULAM	FHC	4	0	0	0	0
40	CHC DEVIKULAM	CHC	10	0	4	0	0
41	PHC KANTHALLOOR	PHC	3	0	1	0	0
42	FHC VATTAVADA	FHC	2	0	0	0	1
43	FHC EDAMALAKUDY	FHC	8	0	1	0	2
44	FHC CHINNAKANAL	FHC	0	0	0	0	0
45	FHC SANTHANPARA	FHC	3	0	0	0	0
46	PURAPUZHA	CHC	0	0	0	0	0
47	FHC MANAKKAD	FHC	0	0	0	0	0
48	FHC KARIMKUNNAM	FHC	2	0	0	0	0

SI NO	HEALTH FACILITY	TYPE OF FACILITY (MCH/GH/CHC/ FHC/SC ETC.)	TOTAL BEDS	ICU BEDS	OXYGEN-SUPPORTED BEDS	NO. OF VENTILATOR SUPPORT BEDS	NO. OF AMBULANCES
49	FHC KUMARAMANGALAM	FHC	3	0	0	0	0
50	UPHC PARAKADAVU	UPHC	0	0	0	0	0
51	DH THODUPUZHA	DH	229	5		5	1
52	FHC EDAVETTY	FHC	2	0	0	0	0
53	ELAMDESAM	FHC	2	0	0	0	0
54	POOMALA	PHC	1	0	0	0	0
55	POOCHAPRA	PHC	1	0	0	0	0
56	THATTAKUZHA	FHC	1	0	0	0	0
57	ALAKODE	FHC	2	0	0	0	0
58	KARIMANNOOR	FHC	24	0	0	0	0
59	KODIKULAM	FHC	6	0	0	0	0
60	KUDAYATHOOR	FHC	2	0	0	0	0
<b>AYUSH HEALTHCARE FACILITIES</b>							
1	SIDDA AYURVEDA HOSPITAL SECOND MILE	GOVT	0	0	0	0	0
2	AYURVEDA HOSPITAL VELLATHOOVAL	GOVT	0	0	0	0	0
3	GOVT AYURVEDA DISPENSARY BISONVALLEY	GOVT	0	0	0	0	0
4	GOVT.HOSPITAL KONNATHADY	GOVT	0	0	0	0	0
5	HOMEO KALLAR	GOVT	0	0	0	0	0
6	HOMEO VELLATHOOVAL	GOVT	0	0	0	0	0
7	HOMEO DISPENSARY BISONVALLEY	DISPENSARY	0	0	0	0	0
8	GOVT AYURVEDA HOSPITAL PAREMAV	AYUSH HOSPITAL	60	0	0	0	1

SI NO	HEALTH FACILITY	TYPE OF FACILITY (MCH/GH/CHC/ FHC/SC ETC.)	TOTAL BEDS	ICU BEDS	OXYG EN-SUPPOR TED BEDS	NO. OF VENTIL ATOR SUPPOR T BEDS	NO. OF AMBULA NCES
9	GOVT AYUSH	DISPENSARY	0	0	0	0	0
10	AYURVEDA DISPENSARY,KANC HIYAR	DISPENSARY	0	0	0	0	0
11	AYURVEDA DISPENSARY, MURIKKATTUKUDY	DISPENSARY	0	0	0	0	0
12	HOMEO DISPENSARY, LEBBAKADA	GOVT HOMEO HOSPITAL	0	0	0	0	0
13	AYURVEDHA	DISPENSARY	0	0	0	0	0
14	HOMOEEO	DISPENSARY	0	0	0	0	0
15	GOVT.AYURVEDA DISPENSARY	AHWC	0	0	0	0	0
16	AYURVEDA, RAJAKKAD	GOVT	0	0	0	0	0
17	HOMEEO, RAJAKKAD	GOVT	0	0	0	0	0
18	GOVT AYURVEDA DISPENSARY, RAJAKUMARY	GOVT	0	0	0	0	0
19	GOVT HOMEO HOSPITAL RAJAKUMARY	GOVT	0	0	0	0	0
20	AYURVEDIC HOSPITAL PAMPADUMPARA	GOVT	20	0	0	0	0
21	HOMEEO HOSPITAL PAMPADUMPARA	GOVT	0	0	0	0	0
22	AYURVEDA DISPENSERY CHETTUKUZHYKAR UNAPURAM	DISPENSARY	0	0	0	0	0
23	GAD, PARATHODU, UDUMBANCHOLA	GOVT	0	0	0	0	0
24	HOMEEO HOSPITAL, UDUMBANCHOLA	GOVT	0	0	0	0	0
25	GOVT AYURVEDA HOSPITAL DISPENSARY KP COLONY	GOVT	0	0	0	0	0

SI NO	HEALTH FACILITY	TYPE OF FACILITY (MCH/GH/CHC/FHC/SC ETC.)	TOTAL BEDS	ICU BEDS	OXYGEN-SUPPORTED BEDS	NO. OF VENTILATOR SUPPORT BEDS	NO. OF AMBULANCES
26	GOVT. HOMEO DISPENSARY VELLIYAMATTOM	GOVT	0	0	0	0	0
27	AYURVEDA DISPENSARY PANNIMATTOM	GOVT	0	0	0	0	0
28	AYURVEDA TRIBAL DISPENSARY NALIYANI	GOVT	0	0	0	0	0
29	AYURVEDA DISPENSARY UDUMBANOOR	GOVT	0	0	0	0	0
30	HOMEOPATHIC DISPENSARY UDUMBANOOR	GOVT	0	0	0	0	0
31	AYURVEDA DISPENSARY KARIMANNOOR	GOVT	0	0	0	0	0
32	AYURVEDA DISPENSARY KUDAYATHOOR	GOVT	0	0	0	0	0
33	GOVT HOMEOPATHY KUDAYATHOOR	GOVT	0	0	0	0	0

1	DR ANSHAD CLINIC, KUNJITHANNI	PVT	0	0	0	0	0
2	JOHNS CLINIC KUMJITHANNI	PVT	0	0	0	0	0
3	ST.XAVIERS HOSPITAL, ELLACKAL	PVT	0	0	0	0	0
4	DOCTORS CARE HOSPITAL, THOKKUPARA	PVT	0	0	0	0	0
5	MOTHERS CARE ANACHAL	PVT	0	0	0	0	0
6	SUNRISE FAMILY HEALTH CARE, KUNCHITHANNI	PVT	0	0	0	0	0
7	SN HOSPITAL, VELLATHOOVAL	PVT	5	0	0	0	0

SI NO	HEALTH FACILITY	TYPE OF FACILITY (MCH/GH/CHC/ FHC/SC ETC.)	TOTAL BEDS	ICU BEDS	OXYG EN-SUPPOR TED BEDS	NO. OF VENTIL ATOR SUPPOR T BEDS	NO. OF AMBULA NCES
8	SUBAN SIRI	PVT	0	0	0	0	0
9	SWANTHANAM	PVT	0	0	0	0	0
10	NIRMALA	PVT	0	0	0	0	0
11	MARY MATHA	PVT	0	0	0	0	0
12	KARUNA	PVT	0	0	0	0	0
13	MORING STAR ADIMALI	PVT	110	6	4	5	2
14	IQHRA HOSPITAL ADIMALI	PVT	120	6	6	6	2
15	ALPHONSA HOSPITAL	PVT	100	2	20	0	1
16	BISHOP VAYALILMEDICAL CENTRE	PVT	200	AVL	AVL	AVL	AVL
17	CO OPERATIVE HOSPIATALTHANKA MANY	PVT	30	0	15	0	1
18	ST.JOHN'S HOSPITAL KATTAPPANA	PVT	274	40	105	11	3
19	RAJAKKAD MEDICAL CENTER	PVT	50	11	40	2	1
20	LIFE CARE RAJAKKAD	PVT	60	5	5	1 PORTABLE	1
21	SN HOSPITAL RAJAKKAD	PVT	10	0	0	0	0
22	ST. GLORY CLINIC UDUMBANCHOLA	PVT	0	0	0	0	0
23	ARUPANA HOSPITAL PAMPADUMPARA	PVT	20	0	1	0	1
24	ANBU HOSPITAL PAMPADUMPARA	PVT	2	0	0	0	0
25	NEW LIGHT HOSPITAL, CHETTUKUZZHI, KARUNAPURAM	PVT	5	0	1	0	0
26	KGM HOSPITAL ,CUMBAMMETTU, KARUNAPURAM	PVT	5	0	1	0	0

SI NO	HEALTH FACILITY	TYPE OF FACILITY (MCH/GH/CHC/ FHC/SC ETC.)	TOTAL BEDS	ICU BEDS	OXYGEN-SUPPORTED BEDS	NO. OF VENTILATOR SUPPORT BEDS	NO. OF AMBULANCES
27	VIMALA MEDICAL CENTRE HOSPITAL, ANNAYARTHOLU, KARUNAPURAM	PVT	10	0	2	0	0
28	MEDICAL TRUST HOSPITAL, NEDUMKANDAM,	PVT	120	9	80	2	2
29	JEEVATHA MATHA HOSPITAL NEDUMKANDAM KP COLONY	PVT	5	0	0	0	0
30	HIRANGE SUPER SPECIALITY HOSPITAL, CHETTUKUZHY	PVT	10	0	2	0	0
31	KGM HOSPITAL ,CUMBAMMETTU	PVT	10	0	1	0	0
32	VIMALA MEDICAL CENTRE HOSPITAL,ANNYARTHOLU	PVT	5	0	2	0	0
33	DEVAMATHA HOSPITAL RAJAKUMARY	PVT	40	0	2	0	0
34	ST AGASTINES HOSPITAL	PVT	45	5	20	5	3
35	CARE AND CURE HOSPITAL	PVT	20	2	10	0	0
36	ST FRANCIS HOSPITAL	PVT	2	0	0	0	0
37	MMT	PVT	50	25	10	3	2
38	CITY HOSPITAL ELAPPARA	PVT	5	0	0	0	0
39	ANPU HOSPITAL ELAPPARA	PVT	0	0	0	0	0
40	NEW ANP HOSPITAL ELAPPARA	PVT	0	0	0	0	0
41	MMT HOSPITAL ELAPPARA	PVT	5	0	0	0	0
42	SREEKRISHNA HOSPITAL ELAPPARA	PVT	0	0	0	0	0
43	SYAM CLINIC VAGAMON	PVT	10	0	0	0	0

SI NO	HEALTH FACILITY	TYPE OF FACILITY (MCH/GH/CHC/ FHC/SC ETC.)	TOTAL BEDS	ICU BEDS	OXYGEN-SUPPORTED BEDS	NO. OF VENTILATOR SUPPORT BEDS	NO. OF AMBULANCES
44	MARYMATHA	PVT	90	0	1	0	0
45	MERCY HOSPITAL VAZHITHALA	PVT	0	0	0	0	0
46	AVM NELLAPARA	PVT	10	0	0	0	0
47	AL- AZHAR MEDICAL COLLEGE	PVT	315	50	21	12	3
48	RANIGIRI HOSPITAL	PVT	36	0	4	0	1
49	BMH THODUPUZHA	PVT	240	46	120	25	2
50	SMITHA MEMORIAL	PVT	300	54	300	11	2
51	ST.MARY'S THODUPUZHA	PVT	175	25	60	6	2
52	HOLY FAMILY	PVT	246	15	50	5	2
53	KARUNA HOSPITAL	PVT	40	0	10	1	2
54	CO OPERATIVE HOSPITAL	PVT	80	3	20	0	1
55	SANTHINIKETHANA HOSPITAL PANNIMATTOM	PVT	2	0	0	0	0
53	MARIYAN HOSPITAL PANNIMATTOM	PVT	3	0	0	0	0
57	ANGEL' S HOSPITAL	PVT	10	1	0	0	0
58	ST.MARYS HOSPITAL KARIMANNOOR	PVT	30	0	0	0	0
59	DAYA HOSPITAL	PVT	4	0	0	0	0
60	BAVASONS ARCHANA HOSPITAL VANNAPPURAMX	PVT	20	0	2	0	0
61	VIMS HOSPITAL VANNAPPURAM	PVT	6	0	2	0	0
62	M.G.M HOSPITAL	PVT	9	0	2	0	0

### Directory of Public Healthcare Institutions Private Clinics

Private clinics play a vital role in strengthening pandemic preparedness and response, particularly at the community level. As the first point of contact for many individuals seeking medical care, they are crucial for the early identification of suspected cases, enabling prompt diagnosis and timely referral to higher-level healthcare facilities when required.

Given that private clinics handle a significant proportion of outpatient consultations, they contribute substantially to disease surveillance systems by reporting suspected and confirmed cases to public health authorities. Their active participation ensures better tracking of disease trends and helps prevent underreporting during outbreaks.

An updated mapping of private clinics including their location, service capacity, and specialties supports effective integration with the public health system. This enables coordinated response mechanisms, ensuring that patients receive appropriate care without delays and that no potential cases are overlooked.

SL NO	NAME OF CLINIC	REGIS TERED (Y/N)	CLINIC (GENERAL / SPECIALITY)	SPECI ALIT Y (IF ANY)	ADDRESS	DIAGNOST IC FACILITY (Y/N)	AMBULAN CE LINKAGE (Y/N)
<b>IDUKKI</b>							
1	MCH HOSPITAL,KANJIKUZH Y	Y	GENERAL	N	MCH HOSPITAL,KANJIKUZHY PO KANJIKUZHY	Y	N
2	CSI HOSPITAL ,CHELACHUVADU	Y	GENERAL	N	CSI HOSPITAL ,CHELACHUVA DU, KEERITHODU P.O CHELACHUVAD U	Y	N
3	MCM HOSPITAL,VENMON Y	Y	GENERAL	N	MCM HOSPITAL,VEN MONY, KANJIKUZHY P.O VENMONY	Y	N
4	OUR FAMILY CLINIC	Y	GENERAL	N	THOPRAMKUDY	Y	Y
5	CARE HEALTH CLINIC	Y	GENERAL	N	MURICKASSER Y	Y	Y
6	MOTHERS CARE	Y	GENERAL	N	MANIPARA P O KARIMBAN	Y	N
7	DIVINE MEDICAL CENTRE KANJAR	Y	GENERAL	N	KANJAR P.P KANJAR	N	N

8	MSM HOSPITAL	Y	GENERAL	N	MOOLAMATTO M P.O MOOLAMATTO M	N	N
9	MATHA FAMILY CLINIC	N	GENERAL	N	CALVARYMOU NT	N	N
10	ST.GEORGEHOSPITA L,THADIYAMPADU	Y	GENERAL	N	MARIYAPURAM P.O	Y	N

### DEVIKULAM

1	THE ADAMS HOSPITAL	Y	GENERAL	N	MARAYOOR PO	Y	Y
2	SAHAYAGIRI HOSPITAL	N	SPECIALIT Y	Y	SAHAYAGIRI PO	Y	Y
3	TKN SASTHA HOSPITAL	Y	GENERAL	N	MARAYOOR PO	N	Y
4	TATA HIGH RANGE HOSPITAL	Y	SPECIALIT Y	Y	MUNNAR	Y	Y
5	SD CONVENT	N	GENERAL	N	MANKULAM	Y	N
6	ST MARYS CLINIC	N	GENERAL	N	MANKULAM	N	N
7	ESTATE HOSPITALS	Y	GENERAL	N	DEVIKULAM	N	N
8	THE ADAMS HOSPITAL	Y	GENERAL	N	KANTHALLOOR	Y	Y
9	S D CONVENT CLINIC	N	GENERAL	N	KOVILOOR	N	N
10	MATHA CLINIC	Y	GENERAL	N	SURYANELLY	N	N

11	SREE LAKSHMI CLINIC	Y	GENERAL	N	SANTHANPARA	Y	N
12	MCM HOSPITAL	Y	GENERAL	N	SANTHANPARA	Y	N
13	CITY CLINIC	Y	GENERAL	N	POOPPARA	Y	N
14	HIGHRANGE CLINIC	Y	GENERAL	N	POOPPARA	Y	N
15	JYOTHIS CLINIC	Y	GENERAL	N	POOPPARA	Y	N
16	MCH CLINIC	Y	GENERAL	N	ESTATE POOPPARA	Y	N
17	V CLINIC	Y	GENERAL	N	ESTATE POOPPARA	Y	N

#### AZHUTHA

1	ST AGUSTINES HOSPITAL	N	GENERAL	N	KUMILY	Y	Y
2	BE WELL CLINIC	N	GENERAL	N	KUMILY	Y	N
3	SETHU BHAAI CLINIC	N	GENERAL	N	KUMILY	Y	N
4	HAMZA POLY CLINIC	N	GENERAL	N	VELLARAMKUN NU	Y	N
5	ST THOMAS CLINIC	N	GENERAL	N	1ST MILE KUMILY	Y	N

6	USHA CLINIC	Y	SPECIALIT Y	ENT	2ND MILE KUMILY	Y	N
7	MKM CLINIC	N	GENERAL	N	KUMILY	Y	N
8	CARE AND CURE HOSPITAL	N	GENERAL	N	KUMILY	Y	Y
9	CITY HOSPITAL ELAPPARA	N	GENERAL	N	ELAPPARA	Y	N
10	ANPU HOSPITAL ELAPPARA	N	GENERAL	N	ELAPPARA	Y	N
11	NEW ANP HOSPITAL ELAPPAR	N	GENERAL	N	ELAPPARA	Y	N
12	MMT HOSPITAL ELAPPARA	N	GENERAL	N	ELAPPARA	Y	N
13	SREEKRISHNA HOSPITAL ELAPPARA	N	GENERAL	N	ELAPPARA	Y	N
14	SYAM CLINIC VAGAMON	N	GENERAL	N	ELAPPARA	Y	N
15	ST FRANCIS HOSPITAL	N	GENERAL	N	PERUVANTHAN AM	Y	N
<b>NEDUMKANDAM</b>							
1	KRIPA	Y	GENERAL	N	RAJAKKAD	Y	N

2	DOCTORS CLINIC	Y	GENERAL	N	RAJAKUMARY	Y	Y
3	VISHANTHAKA HOMEOPATHIC CLINIC	Y	SPECIALTY	SNA KE BITE	RAJAKUMARY	Y	Y
4	CHRISTURAJ	Y	GENERAL	N	VALIYATHOVA LA	N	N
5	OUR FAMILY CLINIC, KOOTTAR	Y	GENERAL	N	OUR FAMILY CLINIC, KOOTT	Y	N
6	MORDEN CLINIC ,THOOKUPALAM	Y	DO	N	MORDEN CLINIC , THOOKUPALAM	N	N
7	PADINJARE MURIYIL HOMEOPATHIC CLINIC	Y	GENERAL	HOM EO M	NEDUMKANDA M	N	N
8	ST MARYS CLINIC	Y	GENERAL	GEN ERA L	NEDUMKANDA M	Y	N
9	ST.GLORY CLINIC	Y	GENERAL	N	CHEMM ANNAR	Y	N

### THODUPUZHA

1	SSV AYURVEDA CLINIC, KARIMKUNNAM	Y	GENERAL	N	KARIMKUNNA M	N	N
2	ST AUGUSTIN CLINIC, KARIMKUNNAM	Y	GENERAL	N	KARIMKUNNA M	Y	N

3	DENTAL DEN, KUMARAMANGALA M	Y	SPECIALIT Y	DEN TAL	PARA, KUMARAMANG ALAM	Y	N
4	PRAKASH CLINIC, KUMARAMANGALA M	Y	SPECIALIT Y	HOM OEO	PARA, KUMARAMANG ALAM	N	N
5	RANIGIRI	Y	GENERAL	N	THUDAN GANAD	Y	Y
6	KARUNA	Y	GENERAL	N	MUTTOM	Y	N

**ELAMDESAM**

1	SANTHINIKETHANA HOSPITAL PANNIMATTOM	N	CLINIC	N	PANNIMATTOM PO PANNIMATTOM	Y	Y
2	MARIYAN HOSPITAL PANNIMATTOM	N	CLINIC	N	PANNIMATTOM PO PANNIMATTOM	Y	Y
3	AVJ HOSPITAL	Y	GENERAL	N	UDUMBANNOO R( PO)	N	Y
4	KARUNA CLINIC	Y	GENERAL	N	UDUMBANNOO R PO	N	Y
5	ANGEL' S HOSPITAL	Y	GENERAL	N	UDUMBANNOO R P O	Y	Y
6	KARUNYA CLINIC ALAKODE	Y	CLINIC	N	KALAYANTHAN IP O , ALAKODE	Y	Y
7	KARUNYA DENTAL CLINIC	Y	DENTAL CLINIC	DEN TAL	KALAYANTHAN IP O , ALAKODE	Y	Y

8	ST. MARTIN DENTAL CLINIC	Y	DENTAL CLINIC	DENTAL	KALAYANTHAN P O , ALAKODE	Y	Y
9	DAYA CLINIC	N	GENERAL CLINIC	N	WEST KODIKULAM	Y	Y
10	TOOTH CARE DENTAL CLINIC	Y	CLINIC	DENTAL	KUDAYATHOOR P O	N	N
11	32 PEARL DENTAL CLINIC	Y	CLINIC	DENTAL	KANJAR P O	N	N
12	TOOTH CARE DENTAL CLINIC	Y	CLINIC	DENTAL	KUDAYATHOOR P O	N	N
13	BAVASONS ARCHANA HOSPITAL VANNAPPURAM	Y	GENERAL	N	VANNAPPURAM (P.O)	Y	Y
14	VIMS HOSPITAL VANNAPPURAM	Y	GENERAL	N	VANNAPPURAM	Y	Y
15	M.G.M HOSPITAL	Y	GENERAL	N	VANNAPPURAM	Y	Y

### ADIMALI

1	MORING STAR ADIMALI	N	SPECIALITY		ADIMALI	Y	Y
2	IQHRA HOSPITAL ADIMALI	N	GENERAL	N	ADIMALI	Y	Y
3	KARUNA HOSPITAL ADIMALI	N	GENERAL	N	ADIMALI	N	N
4	SAMIRATIN HOSPITAL ADIMALI	N	GENERAL	N	ADIMALI	N	N

5	SUBANSIRI HOSPITAL	Y	GENERAL	N	KONNATHADY	Y	N
6	MOTHERCARE HOSPITAL	Y	GENERAL	N	MOTHERCARE HOSPITAL KONNATHADY	Y	N
7	AMMU	N	GENERAL	N	KURISUPARA	N	N
8	SANTHI	N	GENERAL	N	KURISUPARA	N	N
9	DR ANSHAD CLINIC, KUNJITHANNI	Y	GENERAL	N	KUNJITHANNI	Y	Y
10	JOHNS CLINIC KUMJITHANNI	Y	GENERAL	N	KUNJITHANNI	N	N
11	ST.XAVIERS HOSPITAL,ELLACKA L	Y	GENERAL	N	ELLACKAL,VEL LATHOOVAL	N	N
12	DOCTORS CARE HOSPITAL,THOKKU PARA	Y	GENERAL	N	THOKKUPARA, VELLATHOOVA L	N	N
13	MOTHERS CARE ANACHAL	Y	GENERAL	N	ANACHAL,VELL ATHOOVAL	N	N
14	SUNRISE FAMILY HEALTH CARE,KUNCHITHAN NI	Y	GEN	N	KUNCHITHANNI ,VELLATHOOVA L	N	N

### KATTAPPANA

1	KARUNACLINIC	N	GENERAL	N	VANDANMEDU	Y	N
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2	WE CARE HOSPITAL, LEBBAKKADA	Y	GENERAL	N	WE CARE HOSPITAL, LEBBAKKADA	Y	Y
3	HOMEO CLINIC, PALLIKAVALA	Y	GENERAL	N	HOMEO CLINIC, PALLIKAVALA	Y	N
4	GURUCHITRA	Y	GENERAL	N	ERATTAYAR	N	N
5	ASRAYA MEDICAL CENTRE	Y	GENERAL	N	ASRAYA MEDICAL CENTRE,K CHAPPATH	Y	N
6	CO OPERATIVE HOSPITAL,	Y	GENERAL	N	COOPERATIVE HOSPITAL MARYKULAM	Y	N
7	VCARE	Y	GENERAL	N	UPPUATHARA	Y	Y
8	STAR HOSPITAL	Y	GENERAL	N	UPPUATHARA	Y	Y
9	KARUNYA CLINIC	Y	GENERAL	N	VALACODE	Y	Y

### Healthcare Education & Training Institutions

Healthcare education and training institutions play a critical role in strengthening pandemic preparedness by building a skilled, informed, and responsive health workforce. These institutions—including medical colleges, nursing schools, and paramedical training centers—serve as the foundation for developing the human resources required to manage public health emergencies effectively.

Healthcare education institutions also support **surge capacity** by mobilizing trained students, interns, and volunteers during emergencies. This additional workforce can assist in screening, surveillance, contact tracing, vaccination drives, and patient care under supervision.

### Inventory of Medical and Nursing Institutions in the District

Category of Institution	Govt	Private	AYUSH	Total
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Medical Colleges	1	1	0	1
Nursing Colleges	2	8	0	10
Dental Colleges	0	1	0	1
Para-medical / Allied Health	0	5	0	5
Pharmacy Colleges	0	2	0	2

The district has a considerable network of healthcare education institutions, especially in nursing and allied health, which play a vital role in training a competent healthcare workforce, supporting day-to-day medical services, emergency preparedness, and providing ongoing clinical training and professional development opportunities for health personnel.

### **Specialised Services & Emergency Inventory**

This section provides a detailed overview of specialised healthcare resources available within the district, with particular emphasis on emergency response and critical care capacity.

### **Industrial Establishments Supporting Emergency Response**

Certain industrial establishments within the district may serve as critical support systems during large-scale emergencies. Medium-scale and small-scale industries can assist in providing logistical support, manufacturing essential supplies, or facilitating emergency infrastructure when required.

A detailed list of such industrial establishments that may be mobilised during worst-case scenarios is provided in Annexure.

### **Oxygen & Diagnostic Capacity**

Oxygen supply system and diagnostic capacity form the backbone of an effective pandemic response. Ensuring accessibility of these services significantly reduces morbidity and mortality while improving overall health system resilience.

The following table provides an overview of the oxygen infrastructure and diagnostic facilities available across major government healthcare institutions in the district.

Name of Health Facility	Oxygen-generating System (Y/N)	Backup Oxygen Source (Y/N)	Diagnostic Facilities Available(Y/N)				
			Lab	USG	X-ray	CT/MRI	RT-PCR
Government Healthcare Facilities							
MCH Idukki	Y	Y	Y	Y	Y	Y	Y
DH Thodupuzha	Y	Y	Y	N	Y	N	N
THQH Adimaly	Y	Y	Y	N	Y	N	N
THQH Nedumkandam	N	Y	Y	Y	Y	N	N
THQH Peerumedu	N	Y	Y	N	Y	N	N
TH Kattapana	N	Y	Y	N	Y	N	N

The table shows that most secondary and tertiary government healthcare facilities in Idukki district have access to laboratory services and basic imaging such as X-ray and USG, while advanced imaging like CT/MRI is available only at higher-level institutions such as MCH Idukki.

### Oxygen Security and Dealer Network

SL NO	Name of the Agency	Area	Category
1	Mutal Gas Agency	Kattapana	Major Medical Oxygen Suppliers & Dealers
2	Chithaniya Gas Agency	Thodupuzha	Major Medical Oxygen Suppliers & Dealers

### Diagnostic Facility Mapping at the District Level

The diagnostic capacity of Idukki District represents the "intelligence network" of our healthcare system. The speed and accuracy of disease identification depend entirely on the distribution and technical level of these facilities. The data indicates that laboratory and diagnostic services in Idukki district are predominantly provided by the private sector, with 225 of the 281 general labs and 16 of 17 USG units being private. Government facilities have a limited presence, with only 56 general labs, 1 microbiology lab, 1 RT-PCR lab, 1 USG unit, and 1 CT/MRI unit.

Item	Govt	Private	AYUSH	Total
General labs	56	225	3	284
Microbiology labs	1	5	0	6
RT-PCR labs	1	1	0	2
USG units	1	16	0	17
CT/MRI units	1	16	0	1
Research labs	0	0	0	0
Labs of other departments that can be repurposed	0	0	0	0

The data indicates that laboratory and diagnostic services in Idukki district are predominantly provided by the private sector, with 225 of the 284 general labs and 16 of 17 USG units being private. Government facilities have a limited presence, with only 56 general labs, 3 general labs of Ayush, 1 microbiology lab, 1 RT-PCR lab, 1 USG unit, and 1 CT/MRI unit.

### **Laboratory Identification & Basic Details**

Sl No	NAME OF LABORATORY	OWNERSHIP (GOVT / PRIVATE / ACADEMIC)	ADDRESS	24x7 SERVICES (YES/NO)	NABL / GOVT APPROVED (YES/NO)
1	CHC KANJIKUZHY	GOVT	CHC KANJIKUZHY	NO	YES
2	ST JUDE CLINICAL LABORATORY ,VENMONY	PRIVATE	VENMONY,	NO	YES
3	MARIYAN CLINICAL LAB	PRIVATE	PAZHAYARIKANDOM	NO	YES
4	MISPA DIAGNOSTIC LAB	PRIVATE	KANJIKUZHY	NO	YES
5	NEW EXCEL CLINICAL LAB	PRIVATE	KANJIKUZHY	NO	YES
6	SANTHY CLINICAL LABORATORY	PRIVATE	THALLAKANAM	NO	YES
7	NEETHI LAB MURICKASSERY	CO-OPERTIVE	MURICKASSERY P.O IDUUKI	NO	YES
8	NEETHI LAB THOPRAMKUDY	CO-OPERATIVE	THOPRAMKUDY P.O	NO	YES
9	SAKTHI LAB THOPRMKUDY	PRIVATE	THOPRAMKUDY P.O	NO	YES
10	MCH IDUKKI	GOVT	IDUKKI COLONY P O 685602	YES	YES
11	FHC VAZHATHOPE	GOVT	VAZHATHOPE P O 685602	NO	YES
12	BHARATH LAB	PRIVATE	IDUKKI COLONY P O	YES	YES
13	MODERN LAB	PRIVATE	IDUKKI COLONY P O	NO	YES
14	ST ANNA'S LAB	PRIVATE	C/O REMYATHADIYA MPADU IDUKKI	NO	YES
15	MANAV DIAGNOSTICS	PRIVATE	C/O VIJEESHA MOL VAZHATHOPE	NO	YES
16	NEW MODERN DIAGNOSTIC CENTRE	PRIVATE	SREELEKHA DILEEP CHERUTHONY	NO	YES
17	IDUKKI DIAGNOSTIC CENTRE	PRIVATE	KV VINCENT CHERUTHONY	NO	YES
18	JK LAB	PRIVATE	C/O JOY SEBASTIAN	NO	YES
19	DDRC	PRIVATE	MOOLAMATTOM	NO	YES
20	LIYA LAB	PRIVATE	MOOLAMATTOM	NO	YES
21	NEW LIFE MEDICAL LABORATORY	PRIVATE	KULAMAVU	NO	YES
22	FHC KAMAKSHY	GOVT	FHC KAMAKSHY, IDUKKI	NO	YES

23	CO OPERATIVE HOSPITAL THANKAMANY	PRIVATE	CO OPERATIVE HOSPITAL THANKAMANY	NO	YES
24	FHC	GOVT	FHC MARIYAPURAM	NO	YES
25	ST.GEORGE HOSPITAL	PRIVATE	MADATHUMKAD AVU	YES	YES
26	CHC MARAYOOR	GOVT	CHC MARAYOOR	NO	YES
27	SAHAYAGIRI	PRIVATE	SAHAYAGIRI PO	YES	YES
28	MATHA LABAROTARY	PRIVE	MARAYOOR PO	NO	YES
29	ADAMS LAB	PRIVATE	MARAYOOR PO	NO	YES
30	SIVA SAKTHI LAB	PRIVATE	MARAYOOR	NO	YES
31	VHS POLYCLINIC MARAYOOR	PRIVATE	MARAYOOR	NO	YES
32	BOVAS LAB	PRIVATE	MUNNAR	NO	YES
33	FHC MANKULAM	GOVT	MANKULAM	NO	YES
34	ALPHONSA LAB	PRIVATE	MANKULAM	NO	YES
35	CHC DEVIKULAM	GOVT	DEVIKULAM	YES	YES
36	ADAMS CLINIC	PRIVATE	KOVILKADAVU	YES	YES
37	FHC VATTAVADA	GOVT	KOVILOOR	NO	YES
38	FHC CHINNAKANAL	GOVT	CHINNAKANAL	NO	YES
39	MATHA LAB	PRIVATE	CHINNAKANAL	NO	YES
40	FHC SANTHANPARA	GOVT	SANTHANPARA	NO	YES
41	NEETHI MEDICAL LAB	PRIVATE	POOPPARA	NO	YES
42	MEDICARE LAB	PRIVATE	POOPPARA	NO	YES
43	FHC KUMILY	GOVT	FHC KUMILY	NO	YES
44	SILPA DIAGNOSTIC CENTRE	PRIVATE	GANDI PARK	NO	YES
45	DDRC AGILUS	PRIVATE	KUMILY	NO	YES
46	AXIS LABORATORY	PRIVATE	KUMILY	NO	YES
47	CHC RAJAKKAD	GOVT	MULLAKKANAM, RAJAKKAD	NO	YES
48	KRIPA MEDICALS	PRIVATE	RAJAKKAD	NO	YES
49	CARE WELL NEETHI	PRIVATE	RAJAKKAD	NO	YES
50	PADMA LAB	PRIVATE	RAJAKKAD	NO	YES
51	EXCEL LAB	PRIVATE	RAJAKKAD	NO	YES
52	FHC RAJAKUMARY	GOVT	KURUVILACITY	NO	YES
53	SMART MEDIPLUS KURUVILACITY	PRIVATE	KURUVILACITY	NO	YES
54	MEDICARE DIAGNOSTIC CENTRE	PRIVATE	KURUVILACITY	NO	YES
55	MY LAB DIAGNOSTICS	PRIVATE	RAJAKUMARY	NO	YES
56	SMART MEDIPLS	PRIVATE	RAJAKUMARY	NO	YES

57	MEDICARE DIAGNOSTIC CENTRE	PRIVATE	RAJAKUMARY	NO	YES
58	MARIYAN COMPUTERISED LAB	PRIVATE	MANGATHOTTY	NO	YES
59	DDRC	PRIVATE	NEDUMKANDAM	NO	YES
60	NEETHI LAB	PRIVATE	NEDUMKANDAM	NO	YES
61	URBAN CO	PRIVATE	NEDUMKANDAM	NO	YES
62	OPERATIVE LAB				
63	NEETHI LAB	PRIVATE	THOOKUPALAM	NO	YES
64	NEETHI LAB	PRIVATE	KIZHAKE KAVALA, NEDUMKANDAM	NO	YES
65	FHC KP COLONY	GOVERNMENT	NEDUMKANDAM	NO	YES
66	THQH NEDUMKANDAM	GOVERNMENT	NEDUMKANDAM	NO	YES
67	OUR CLINIC LAB	PRIVATE	KOTTAR	NO	YES
68	HI-RANGE SUPER SPECIALTY HOSPITAL, CHETTUKUZHAY	PRIVATE	HI-RANGE SUPER SPECIALTY HOSPITAL, CHETTUKUZHAY	NO	YES
69	NEW LIGHT HOSPITAL, CHETTUKUZHAY	PRIVATE	NEW LIGHT HOSPITAL, CHETTUKUZHAY	NO	YES
70	KGM HOSPITAL, CUMBAMMETTU	PRIVATE	KGM HOSPITAL ,CUMBAMMETTU	NO	YES
71	VIMALA MEDICAL CENTRE HOSPITAL ,ANNYARTHOLU	PRIVATE	VIMALA MEDICAL CENTRE HOSPITAL ,ANNYARTHOLU	NO	YES
72	SREE LAKSHMI	PRIVATE	THIRD CAMP, PAMPADUMPARA	NO	YES
73	KARUNIYA NEETHI LAB	PRIVATE	MUNDIYARUMMA	NO	YES
74	CHC PURAPUZHA	GOVT APPROVED	PURAPUZHA (PO)PURAPUZHA IDUKKI	NO	YES
75	KMDC DIONOSTICS LAB	PRIVATE	KMDC DIAGNOSTICS LAB PURAPUZHA (P O) PURAPUZHA	NO	YES
76	B-CARE DIONOSTIC LAB	PRIVATE	B-CARE DIONOSTIC CENTER VAZHITHALA THODUPUZHA	NO	YES
77	FHC MANAKKAD	GOVT	FHC	NO	YES
78	FHC KARIMKUNNAM	GOVT	KARIMKUNNAM CITY	NO	YES
79	MARIYA LAB	PRIVATE	KARIMKUNNAM CITY	NO	YES

80	ASTER LAB	PRIVATE	KARIMKUNNAM CITY	NO	YES
81	ST. AUGUSTIN	PRIVATE	KARIMKUNNAM CITY	NO	YES
82	NEETHI LAB	PRIVATE	PARA	NO	YES
83	MEDI PLUS	PRIVATE	KUMARAMANGA LAM	NO	YES
84	ST. ANNS MEDICAL DIAGNOSTIC CENTRE	PRIVATE	THEKKUMBHAGAM	NO	YES
85	IDUKKI DIAGNOSTICS	PRIVATE	MUTTOM	NO	YES
86	PREMIER DIAGNOSTICS	PRIVATE	MUTTOM	NO	YES
87	FHC MANAKKAD	GOVT	FHC	NO	YES
88	WELLNESS DIAGNOSTIC CENTRE	PRIVATE	MANAKKAD	NO	YES
89	CARE WELL LAB	PRIVATE	NEDIYASALA	NO	YES
90	FHC ELAMDESAM	GOVT.	ELAMDESAM PO ELAMDESAM	NO	YES
91	SANTHINIKETHAN A PANNIMATTOM	PRIVATE	PANNIMATTOM PO PANNIMATTOM	NO	YES
92	KARUNYA CLINIC KALAYANTHANI	PRIVATE	KALAYANTHANI PO KALAYANTHANI	NO	YES
93	PRARTHANA BIO MEDICAL LAB POOMALA	PRIVATE	KOOVAKANDAM PO POOMALA	NO	YES
94	LIFE CARE MEDICAL LAB ELAMDESAM	PRIVATE	ELAMDESAM PO ELAMDESAM	NO	YES
95	LIFE CARE MEDICAL LAB KALAYANTHANI	PRIVATE	KALAYANTHANI PO KALAYANTHANI	NO	YES
96	SMART MEDIPLUS LAB ELAMDESAM	PRIVATE	ELAMDESAM PO ELAMDESAM	NO	YES
97	SUJITH MEDICAL LABORATORY , UDUMBANNOOR	PRIVATE	UDUMBANNOOR PO	NO	YES
98	NEETHI MEDICAL LABORATORY	PRIVATE	UDUMBANNOOR PO	NO	YES
99	MARY MATHA	PRIVATE	KALAYANTHANI. P.O , ALAKODE	NO	YES
100	FHC KARIMANNOOR	GOVT.	KARIMANNOOR P.O	NO	YES
101	STMARYS KARIMANNOOR	PRIVATE	KARIMANNOOR P.O	YES	YES
102	NEETHI LAB	PRIVATE	KARIMANNOOR P.O	NO	YES
103	ST.GEORGE	PRIVATE	KARIMANNOOR P.O	NO	YES

104	ST.GEORGE	PRIVATE	KARIMANNOOR P.O	NO	YES
105	ALPHONSA LAB	PRIVATE	WEST KODIKULAM	NO	YES
106	MEDITRUST	PRIVATE	KODIKULAM	NO	YES
107	M R DROPS	PRIVATE	KUDAYATHOOR P.O	NO	YES
108	BHARATH DIAGNOSTIC CENTRE	PRIVATE	VANNAPPURAM	NO	YES
109	NEETHI MEDICAL LAB	PRIVATE	VANNAPPURAM	NO	YES
110	MEDINOVA MEDICAL LAB	PRIVATE	VANNAPPURAM	NO	YES
111	JANATHA MEDICAL LAB	PRIVATE	VANNAPPURAM	NO	YES
112	DDRC VANNAPPURAM	PRIVATE	VANNAPPURAM	NO	YES
113	FHC, BISON VALLEY	GOVT	BISON VALLEY	NO	YES
114	MED LIFE	PRIVATE	BISON VALLEY	NO	YES
115	MEDI CARE	PRIVATE	BISON VALLEY	NO	YES
116	MEDICARE	PVT	KALLAR VATTIYAR	NO	YES
117	PHC	GOVT	CHITHIRAPURAM	NO	YES
118	SMART LAB	PVT	KUNCHITHANNI	NO	YES
119	PHC	GOVT	VELLATHOOVAL	NO	YES
120	DEVA	PVT	KUNCHITHANNI	NO	YES
121	NEW DEVA	PVT	ANACHAL	NO	YES
122	DOCTORS CARE HOSPITAL,THOKK UPARA	PVT	THOKKUPARA	NO	YES
123	NIRMALA	PVT	NIRMALAKAMBIL IKANDAM	NO	YES
124	ST. MARRIES LAB KAMBILIKANDAM	PVT	KAMBILIKANDAM	NO	YES
125	SWANTHANAM	PVT	KAMBILIKANDAM	NO	YES
126	EXCEL LAB	PRIVATE	ADIMALI	NO	YES
127	DDRC ADIMALI	PRIVATE	ADIMALI	NO	YES
128	ANNA LAB IRUMPUPALAM	PRIVATE	IRUKPUPALAM	NO	YES
129	NEETHI LAB ADIMALY	PRIVATE	ADIMALY	NO	YES
130	NEETHI LAB IRUMPUPALAM	PRIVATE	IRUMPUPALAM	NO	YES
131	MATHA LAB IRUMPUPALAM	PRIVATE	IRUMPUPALAM	NO	YES
132	MATHA LAB 10 TH MILE	PRIVATE	10 MILE	NO	YES
133	SPECIALIST LAB	PRIVATE	ADIMALY	NO	YES
134	DDRC IRUMPUPALAM	PRIVATE	IRUMPUPALAM	NO	YES

135	KARUNYA NEETHI MEDICAL LAB	PRIVATE	CHETTUKUZH	NO	YES
136	KARUNYA NEETHI MEDICAL LAB	PRIVATE	KOCHERA	NO	YES
137	ALPHA DIAGNOSTIC CENTRE	PRIVATE	PUTTADI	NO	YES
138	MGM MEDICAL LABORATORY	PRIVATE	PUTTADI	NO	YES
139	KARUNA CLINIC LAB	PRIVATE	VANDANMEDU	NO	YES
140	FHC KANCHIYAR	GOVT	KANCHIYAR	NO	YES
141	WELL NEETHI LAB, LEBBAKADA	PRIVATE	LEBBAKADA	NO	YES
142	ST. MARY'S LAB, PALLIKKAVALA	PRIVATE	PALLIKKAVALA	NO	YES
143	ST. MARY'S LAB, LEBBAKADA	PRIVATE	LEBBAKADA	NO	YES
144	PHC CHEMPAKAPPARA	GOVT	CHEMPAKAPPARA	NO	YES
145	LITTLE FLOWER LAB	PRIVATE	ERATTAYAR	NO	YES
146	NEETHI LAB (EX-SERVICE CO-OP SOCIETY)	PRIVATE	ERATTAYAR	NO	YES
147	JENA SEVA LAB	PRIVATE	ALADY	NO	YES
148	CASA LAB	PRIVATE	MATTUKATTA	NO	YES
149	CO-OPERATIVE LAB	PRIVATE	MAYKULA	NO	YES
150	JJI CLINICAL LAB	PRIVATE	UPPUHARA	NO	YES
151	AMRUTHA CLINICAL LAB	PRIVATE	UPPUHARA	NO	YES
152	BHARATH NEETHI LAB	PRIVATE	UPPUHARA, HOSPITAL JUNCTION	NO	YES
153	PHC CHAKKUPALLAM	GOVT	CHAKKUPALLAM, IDUKKI	NO	YES
154	ALPHONSA LAB	PRIVATE	CHAKKUPALLAM, IDUKKI	NO	YES
155	CITY LAB	PRIVATE	ANAKKARA, IDUKKI	NO	YES

## Social and Community Infrastructure for the surge plan

This table serves as our **logistics and shelter inventory**. By mapping these locations, we can quickly identify where to house displaced citizens, where to set up temporary medical clinics, and how to manage the deceased with dignity during a crisis.

Category	Total Count	Est. Capacity (Persons)
<b>Educational Institutions</b>		
Anganwadis	1561	3000
Schools	494	50000
Colleges	23	4000
<b>Healthcare Educational Institutions</b>		
Medical colleges (Govt/Private)	2	400
Nursing colleges (Govt/Private)	10	500
Dental colleges (Govt/Private)	1	100
Paramedical institutes (Govt/Private)	5	300
<b>Community Gathering Spaces</b>		
Community halls	94	5000
Auditoriums	189	7000
Religious buildings	1109	20000
Vulnerable Group Support Facility	25	
Destitute homes	20	1000
Elderly homes	36	400
Mass Fatality Management (MFM) Infrastructure		250
Mortuary	5	0
Crematorium	3	0

### 3. HUMAN RESOURCES

This section focuses on the **human capital** available within the DISTRICT. In any emergency—be it a pandemic, flood, or industrial accident—infrastructure is only as effective as the people operating it.

#### Medical & Clinical Personnel

This table tracks the "Frontline" providers responsible for diagnosis, treatment, and clinical management. A detailed directory with the contact numbers of all workers is maintained in **Annexure**

<b>Cadre</b>	<b>Govt (No.)</b>	<b>Private (No.)</b>	<b>Total</b>
Doctors—Modern Medicine	247	394	641
Doctors – AYUSH	87	33	120
Doctors – Veterinary	80	51	131
Doctors – Dental	9	245	254
Nursing officers	219	547	766
Lab technicians	61	243	333
Optometrist	25	22	44
Pharmacists	95	244	339
Psychologists	1	10	12
Counsellors	15	23	38

### **Public Health & Field-Level Workforce**

These individuals are the backbone of surveillance, maternal-child health, and decentralized care.

<b>Cadre</b>	<b>Health services</b>	<b>Municipal common services</b>	<b>Total</b>
HS (Health Supervisors)	7	0	7
HI (Health Inspectors)	54	2	65
LHS (Lady Health Supervisor)	4	0	4
LHI (Lady Health Inspectors)	59	0	59
JPHN (Jr Public Health Nurses)	300	0	300
JHI (Jr Health Inspectors)	230	0	230
MLSP (Mid-Level Service Providers)	304	0	304
Palliative Nurses	85	0	85
RBSK Nurses	50	0	50
PRO	15	0	15
Epidemiologist	6	0	6
Data Manager	7	0	7

## Community & Support Cadre

This group represents the surge capacity of the DISTRICT—people who can be called upon for logistics, rescue, and specialized support.

<b>Cadre</b>	<b>Number</b>
ASHA Workers	1042
AWW (Anganwadi Workers)	3122
Emergency Medical Volunteers (Trained)	1253
Kudumbashree	14328
MNREGS	222846
Purusha Swayam Sahaya Sangham	549
Ex-Servicemen	830
Retired Police Officers	900
NCC/NSS Volunteers	4781
Red Cross volunteers	895
One Health Community Volunteers	43659
One Health Community Mentors	6237

## Community Organizations

This section details the presence of community-based organizations (CBOs), non-governmental organizations (NGOs), faith-based organisations (FBOs), Kudumbashree Self-Help Groups (SHGs), and Ayalkootams within the Local Self-Government Institution (DISTRICT). These groups enhance grassroots mobilization, resource distribution, and support networks crucial for pandemic response and community resilience.

Category	Total Count
NGOs	145
Religious based organizations	229
Foreign based organizations	77
Sports Club/youth clubs	215
Kudumbashree SHGs	4320
Ayalkootams	12467
Political organizations	1344
Residential organizations	165

### **Information regarding resources**

The availability of essential transport and support resources plays a quiet but critical role in saving lives. Equipment such as ambulances, mobile mortuaries, amphibian ambulances, and motorized boats ensures that patients, samples, and healthcare teams can move swiftly—even in flooded, remote, or difficult terrains. Heavy vehicles like JCBs, cranes, tractors, and torus lorries support logistics, waste management, emergency infrastructure, and rapid conversion of spaces into care or isolation facilities. Taxis, four-wheel-drive vehicles, and trucks help maintain continuity of essential services, reach vulnerable populations, and support home-based care and supply delivery.

### **Administrative & Emergency Services**

This section outlines the availability of key non-health emergency support services and infrastructure within the district, which are essential for effective pandemic preparedness and response. These facilities support law enforcement, disaster response, water supply, logistics, mobility, and community-level interventions during public health emergencies.

Category	Total Count
Police Stations	26
Fire & Rescue Stations	7
Water Pumping Points	6
Public Distribution System (PDS)	6684

## POINT OF CONTACTS FOR VARIOUS DEPARTMENTS

<b>Departments</b>	<b>Officer incharge (Designation)</b>	<b>Contact No.</b>
Revenue Department	District collector	04862-233101
	Additional District Magistrate (ADM)	04862-233056
Fire & Rescue	Assistant Divisional Officer	0486-2872300
Police	District police supedt. Idukki	9497996981

Administrative & Emergency Services Contact Details in Annexure

### INFORMATION REGARDING RESOURCES

The availability of essential transport and support resources plays a quiet but critical role in saving lives. Equipment such as ambulances, mobile mortuaries, amphibian ambulances, and motorized boats ensures that patients, samples, and healthcare teams can move swiftly—even in flooded, remote, or difficult terrains. Heavy vehicles like JCBs, cranes, tractors, and torus lorries support logistics, waste management, emergency infrastructure, and rapid conversion of spaces into care or isolation facilities. Taxis, four-wheel-drive vehicles, and trucks help maintain continuity of essential services, reach vulnerable populations, and support home-based care and supply delivery.

<b>Means of transportation</b>	<b>Total Count</b>
JCB	271
Crane	40
Heavy Trucks	270
Tractor	114
Ambulances	142
Mobile mortuaries	80
Boats	25
Taxi service	1399

## 4. ONE HEALTH & ENVIRONMENTAL SURVEILLANCE

The One Health method integrates environmental, animal, and human health to enable proactive pandemic preparedness. Panchayat-level surveillance needs to be improved to detect and treat zoonotic and environmentally transmitted diseases early. Surveillance is strengthened through systematic assessment of animal populations, veterinary infrastructure, poultry and slaughter facilities, intersectoral coordination, and specialised tools, such as GIS-based avian influenza seasonality mapping from previous outbreaks to enable predictive alerts and ward-specific sampling to support effective pandemic preparedness in high-risk areas

### Animal & Bird Population

Category	Item	Estimated Population	Source
Animal Population	Livestock (Cattle/Buffalo)	102462	Animal husbandry dept
	Pet Animals (Dogs(pet+Stray) /Cats)	60135	Animal husbandry dept
	Pig Farms (Number of heads)	14670	Animal husbandry dept
	Small Units (Sheep / Goats – clustered)	102441	Animal husbandry dept
Bird Population	Poultry Units (Birds)	21088	Animal husbandry dept
	Poultry- (FOWL)	698787	Animal husbandry dept
	Wild/Migratory Birds (Observed)	26481	Animal husbandry dept
	Crow Mortality Events (Reported)	0	Animal husbandry dept

The main risk of zoonotic diseases in Idukki district is concentrated in almost all panchayats, which is explained by the high density of pig farms, cattle congregation areas, agriculture and poultry units. The stray dog population in market areas and bus stations remains a substantial challenge for rabies surveillance and bite prevention. Clusters of pig farms and animal shelters vulnerable to flooding further raise the risk of leptospirosis and other zoonoses mediated by the environment, especially during monsoon floods.

### Veterinary Infrastructure

Veterinary institutions are a core pillar of One Health surveillance, enabling early detection of zoonotic diseases through vaccination, investigation of unusual animal illnesses or deaths, sample

collection, and timely outbreak reporting. A well-mapped and responsive veterinary network strengthens coordination with human health and DISTRICT systems, ensuring rapid response during zoonotic events and pandemics.

<b>Facility Type</b>	<b>Number</b>
Veterinary Dispensary	49
Veterinary Hospital / Polyclinic	3
Private Veterinary Clinics	9
Mobile / Emergency Vet Service (incl. night services)	0
Pet Homes / Animal Shelters	3
Slaughterhouse-linked Veterinary Inspection Unit	2

Facility type	Name of facility	Ownership govt / pvt	Location(ward no)
Veterinary dispensary	Kochera,puttadi	Govt	6,7
	Kothapara	Govt	Ward 2
	Kanchiyar	Govt	10
	E. North	Govt`	5
	Anakkara	Govt	6
	Ayyappancovil	Govt	3
	Govt, tea company	Govt.	Tea company, 10
	Govt.veterinary dispensary, chithirapuram	Govt.	Chithirapuram8
	Govt.veterinary dispensary	Govt.	Vellathooval 11
	Govt veterinary dispensary	Govt.	Konnathady 10
	Govt veterinary hospital	Govt	Adimaly 18
	Govt.vet dispensary,	Govt.	Velliyamattom – 1 ( ward -4)
	Govt. Vet dispensary	Govt.	Udumbannoor – 1 ( ward -17)
	Govt. Veterinary hospital	Govt.	Alakode -1 (ward -13 )
	Govt. Veterinary hospital	Govt.	Karimannoor -1 (ward -11)
	Govt. Veterinary hospital	Govt.	Kodikulam - 1, (ward -5)
	Govt. Veterinary hospital	Govt.	Kudayathoor - 1 (ward -10)
	Govt. Veterinary hospital	Govt.	Vannappuram -2 (ward -16,19)
	Govt.veterinary dispensary vazhithala	Govt	Vazhithala (12)
	Govt.veterinary dispensary manakkad	Govt	8
	Govt. Veterinary dispensary kumaramangalam	Govt	12
	Animal husbandry	Govt	8
	Govt veterinary dispensary Muttom	Govt	5
	Govt veterinary hospital karimkunnam	Govt	8
	Govt veterinary dispensary rajakkad	Govt	10
	Rajakumary veterinary hospital	Govt	8
	Govt	Govt	Ii
Govt.veterinary dispensary	Govt	3	
Govt	Govt	5	
Govt veterinary dispensary, marayoor	Govt		
Govt veterinary dispensary, Munnar	Govt		

	Govt veterinary dispensary, mankulam	Govt	
	Govt veterinary dispensary, Kanthalloor	Govt	
	Govt veterinary dispensary, vattavada	Govt	
	Govt veterinary dispensary, chinnakanal	Govt	
	Govt veterinary dispensary, pallikunnu, santhanpara	Govt	
	Govt veterinary dispensary kudukkakandam	Govt	Kudukkakandam ward 16
	Govt veterinary dispensary vathikudy	Govt	Vathikudy ward 2
	Govt veterinary dispensary vazhathope	Govt	Vazhathope 5
	Government dispensary arakkulam	Govt	Arakulam
	Govt. veterinary hospital	Govt	Kamakshy 12
	Govt. veterinary hospital narakakanam	Govt	Narakakanam-ward 7
	Govt. Veterinary dispensary Kumily	Govt	Ward 13
	Peerumade veterinary dispensary	Govt	Ward 15
	Govt veterinary dispensary	Govt	Yenthayar
	veterinary,dispensary	Govt.	Ward-17
Veterinary hospital / polyclinic	Govt veterinary hospital Adimaly	Govt	Adimaly 18
	Govt	Govt	5
	Govt veterinary hospital, Santhanpara	Govt	
	Govt veterinary hospital Kanjikuzhy	Govt	Kanjikuzhy ward 9
	Vandiperiyar veterinary hospital	Govt	Ward 7
	Veterinary hospital	Govt.	Ward-12
Private veterinary clinics	Maruthy pet clinic	Private	Ist mile
	Kps maruthy pet clinic	Private	Exchange padi
	Angel medicare	Private	Kumily town
Mobile / emergency vet service (incl. Night services)	Govt mobile emergency vet service	Govt (block)	Nil
Pet homes / animal shelters	Pet home Vazhathope	Private	Vazhathope 10
	Govt	Govt/pvt	6
	Pet homes karimkunnam	Pvt	13
Slaughterhouse-linked veterinary inspection unit	Slaughterhouse Nedumkandam block	Govt and private	2

## **Veterinary Doctors & Workforce**

Early detection, diagnosis, reporting, and reaction to animal illness epidemics depend on the availability and accessibility of qualified veterinary specialists. By identifying unusual animal morbidity or mortality promptly, collecting samples promptly, and coordinating efficiently with human health and DISTRICT systems—especially during zoonotic outbreaks and pandemic-prone situations—a clearly defined veterinary workforce enhances One Health surveillance.

<b>Category</b>	<b>Number Available</b>
Government Veterinary Doctors	52
Private Veterinary Doctors	10
Livestock Inspectors	145
Para-veterinary Staff / Attenders	120
Contract / On-call Veterinary Support (if any)	1 State Cell

<b>Block</b>	<b>LSGD</b>	<b>Government veterinary doctors</b>	<b>Private veterinary doctors</b>	<b>Livestock inspectors</b>	<b>Para- veterinary staff/ attenders</b>	<b>Contract / on-call veterinary support</b>
Adimaly	Adimaly	1	Nil	2	2	Nil
	Konnathady	1	0	3	0	-
	Vellathooval	1	0	4	3	1
	Pallivasal	1	0	3	1	1
	Bisonvally	1	0	3	1	0
Idukki	Kanjikuzhy	2	0	1	1	0
	Vathikudy	1	0	0	0	0
	Vazhathope	1	0	1	1	1
	Arakkulam	1	0	1	1	1
	Kamakshy	1	0	1	1	1
	Mariyapuram	1	0	3	2	0
Devikulam	Marayoor	1	0	1	1	0
	Munnar	1	0	1	1	0
	Mankulam	1	0	1	1	0
	Kanthalloor	1	0	1	1	0
	Vattavada	1	0	1		0
	Chinnakkanal	1	0	1	1	0
	Santhanpara	1	0	1	1	0
Azhutha	Kumily	1	2	2	3	0
	Vandiperiyar	1	0	1	0	0
	Peermade	1	0	2	1	0
	Peruvanthanam	1	0	4	1	3
	Kokkayar	1	0	1	0	0
	Elappara	2	0	1	0	0
Kattappana	Ayyappancoil	1	0	2	1	0
	Chakkupallam	1	0	1	0	0
	Kanchiyar	1	0	1	1	0
	Upputhara	1	0	2	1	0
	Vandanmedu	1	0	1	0	0
	Erattayar	1	0	2	1	0
Nedumkandam	Rajakkadu	1	0	2	1	0
	Rajakumary	1	0	1	1	0
	Senapathy	1	0	2	3	0
	Udumbanchola	1	0	2	1	0
	K p colony	1	0	3	1	0
	Pampadumpara	1	0	2	1	0
	Karunapuram	1	0	1	1	0
Elamdesam	Elamdesam	1	1	1	0	0
	Udumbannoor	1	2	1	0	0
	Alakode	1	1	1	0	0

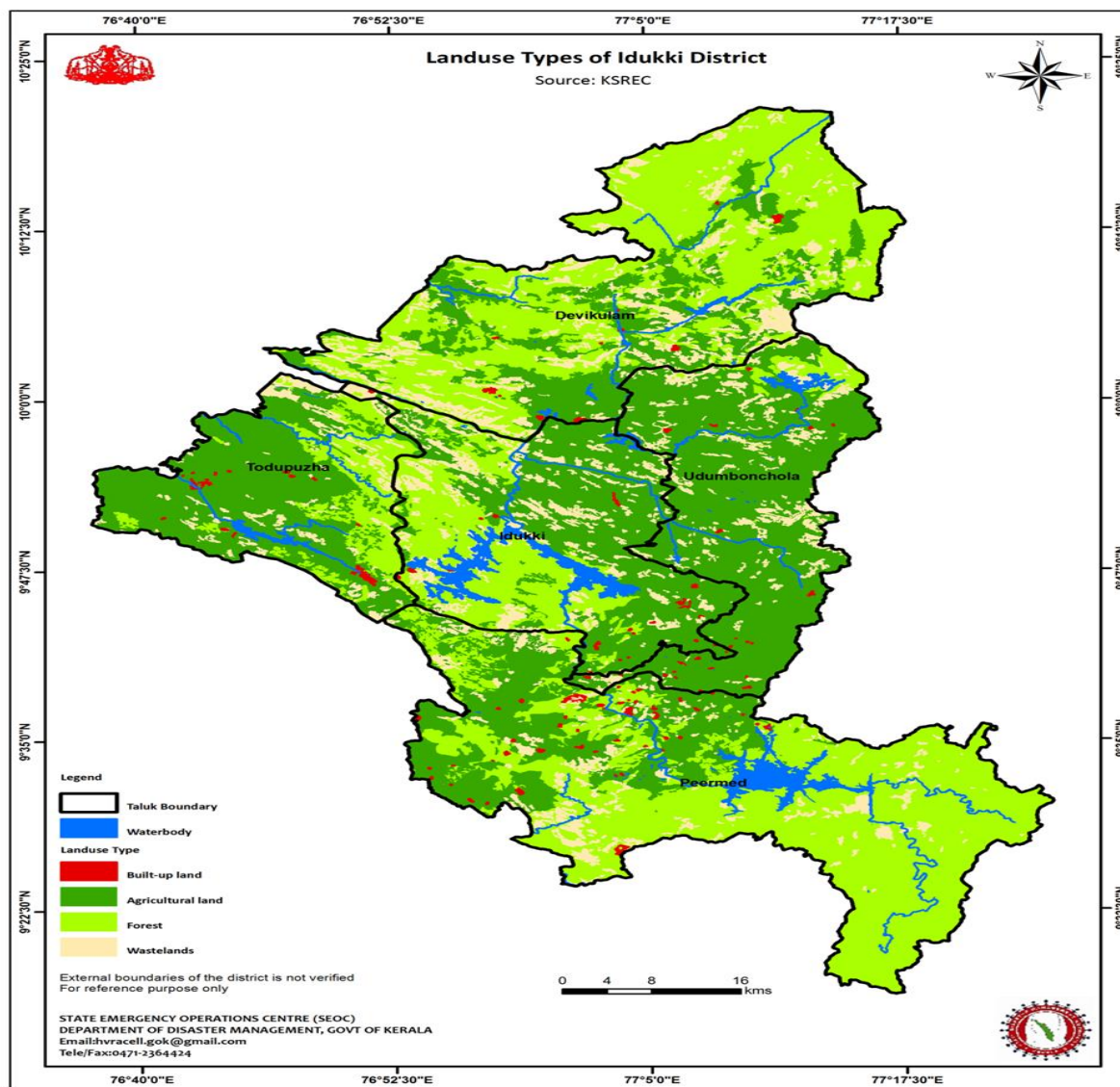
	Karimannoor	1	1	1	0	0
	Kodikulam	1	1	1	0	0
	Kudayathoor	1	2	0	0	0
	Vannappuram	1	0	0	0	0
Thodupuzha	Purapuzha	1	0	1	1	0
	Manakkad	1	0	1	1	0
	Karimkunnam	1	0	1	0	0
	Kumaramangalam	1	0	2	0	0
	Edavetty	1	0	1	0	0
	Muttom	1	0	2	1	0

### High-Risk Interface Points (Surveillance Sites)

High-risk interface points for zoonotic disease surveillance in Idukki district include pig farming, agricultural activities, and cattle rearing and areas of high human–animal interaction. These are the primary surveillance sites where zoonotic spillover risks are elevated.

Type of Habitat	Health Hazard	High-Risk Locations
Forest & Wildlife interface	Zoonotic diseases	Periyar Tiger Reserve, Thekkady Forest
Tourist Destinations	Respiratory infection, Food Borne, Zoonotic diseases	Munnar, Vagamon, Kumily, Neumkandam,
Pilgrimage and Religious Gathering sites	Respiratory infection, Food Borne	Sabarimala access routes
Markets Areas	Food-borne and zoonotic diseases	Thodupuzha, Adimaly, Kattapana, Kumily
Community Slaughter Sites	Zoonotic disease transmission	across the district
Plantation area	Zoonotic diseases	Munnar, Vandiperiyar, Vagamon, Nedumkandam
Forest and Tribal Areas	Zoonotic diseases	Edamalakudy, Periyar Tiger Reserve,

Identification of high risk interface areas through the survey supports zoonotic disease surveillance and contributes to effective animal population management.



## Environmental Risk Mapping

Environmental risk mapping in **Idukki district** identifies monsoon- and flood-prone hotspots where **vector-borne diseases** (dengue, chikungunya), **waterborne diseases** (Hep A, Typhoid, diarrhoea), and **zoonotic diseases** have a higher risk of transmission.

Risk Factor	High-Risk Area	Risk Level (High/Med/Low)
Flood-prone areas	Low range of the district & Vandiperiyar town	High
Solid waste accumulation	<ul style="list-style-type: none"> <li>● <b>Azhutha Block-</b> Kumily Panchayat - Murikkady.</li> <li>● <b>Adimaly Block-</b> Munnar Panchayat - Munnar Town.</li> <li>● <b>Nedumkandam Block-</b> Rajakkad Panchayat - Adivaram.</li> </ul>	High
Animal waste disposal issues	<ul style="list-style-type: none"> <li>● <b>Adimaly Block-</b> Vellathooval Panchayat- Ambazhachal.</li> <li>● <b>Azhutha Block-</b>Peerumeu Panchayat - Ranimudi.</li> <li>● <b>Azhutha Block-</b> Elappara Panchayat- Heliberiya.</li> <li>● <b>Devikulam Block-</b> Munnar Panchayat- Munnar Town.</li> </ul>	low
Rodent infestation zones	<ul style="list-style-type: none"> <li>● <b>Azhutha Block-</b> Kumili Panchayat- Kumili Town, Murikkadi</li> <li>● <b>Kattappana Block-</b>Kanchiyar Panchayat - Kozhimala.</li> <li>● <b>Thodupuzha Block -</b> Thodupuzha Municipality-1.Mavinchuvadu, 2.Pattanikunnu 3.Kothayikunnu</li> </ul>	Medium

<p>Industrial effluent discharge</p>	<ul style="list-style-type: none"> <li>● <b>Adimaly Block</b> - Adimaly Panchayat- Ward 2-Eastern Food products.</li> <li>● <b>Kattapana Block</b> - Kattappana Municipality- Kunthalampara.</li> <li>● <b>Kattapana Block</b>- Chakkupallam Panchayat - Anakkara.</li> </ul>	<p>Medium</p>
<p>Construction sites / abandoned buildings</p>	<ul style="list-style-type: none"> <li>● <b>Adimaly Block</b> - Adimaly Panchayat - Ward 15,16 (High way work)</li> <li>● <b>Idukki Block</b> - Kanjikuzhy Panchayat- Kanjikuzhy Town,</li> <li>● <b>Thodupuzha Block</b> - Purapuzha Panchayat- Purapuzha.</li> <li>● <b>Devikulam Block</b> - Munnar - Tourist places.</li> </ul>	<p>Medium</p>
<p>Poor drainage/blocked canals</p>	<ul style="list-style-type: none"> <li>● <b>Azhutha Block</b>- Kumili Panchayat- 1.Kumilitown, 2.Thekkady,</li> <li>● <b>Azhutha Block</b>- Peerumedu Panchayat Theppakulam.</li> <li>● <b>Azhutha Block</b> - Vandiperiyar Panchayat-1.Nellimala 2. Wallardie South 3.Vandiperiyar East 4. Vallakadavu.</li> <li>● <b>Kattapana Block</b> - Kattapana Municipality- Kunthalampara.</li> <li>● <b>Thodupuzha Block</b> - Thodupuzha Municipality- Thodupuzha Town.</li> <li>● <b>Devikulam Block</b> - Munnar - Market areas,labour colonies</li> </ul>	<p>Medium</p>

Drinking water source contamination risk	<ul style="list-style-type: none"><li>● <b>Kattapana Block-</b> Kattapana Municipality - Kattappana Town.</li><li>● <b>Nedumkandam Block</b> - Rajakumari Panchayat -Kajanapara.</li><li>● <b>Thodupuzha Block-</b> Kumaramangalam Panchayat- 1.Areekkara, 2.Kallumari, 3.Ezhalloor.</li><li>● <b>Devikulam Block</b> - Edamalakudy, vattavada, Mankulam</li></ul>	Medium
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## Disease Seasonality Mapping

Disease	Peak Season	Risk	Key Drivers	High-Risk Locations	Surveillance Focus
Leptospirosis	July- November		Heavy Rain, Agriculture, plantation and cattle rearing	Nedumkandam, Karunapuram, Adimaly, Udumbannoor, Vathikudy, Thodupuzha, Upputhara	Chemoprophylaxis awareness
Dengue/Chikungunya	April – July, Sep –Oct		Latex collecting containers, poor waste management, unsafe water storage	Thodupuzha, Vandiperiyar, Kumaramangalam, Marayoor, Adimaly, Vathikudy, Kattappana, Chakkupallam, Kanchiyar	Vector control activities
Acute Diarrheal Diseases	Throughout the year		Contaminated drinking water sources	All Area	Chlorination and water quality monitoring
Rabies	Throughout the year		Stray dog population	All area	Animal bite surveillance

## Vulnerability Mapping

In Idukki district, vulnerability mapping is central to risk-based surveillance. By identifying areas, populations, and occupations most likely to be exposed to environmental and socio-economic hazards, resources can be allocated efficiently, ensuring timely public health interventions and effective emergency response.

<b>Vulnerability Factor</b>	<b>High-Risk LSGs</b>	<b>Key Groups / Locations</b>	<b>Risk Level</b>
Flood-prone households	low range of the district and Vandiperiyar town	Vandiperiyar town, Thodupuzha town,	High
Backyard poultry / duck rearing households	All Panchayath	All wards	Low
Livestock-rearing households	All Panchayath	All wards	Medium
Slaughterhouse & meat market workers	Thodupuzha, Kattapana, Nedumkandam, Adimaly	Major Town area	Low
Sanitation workers	All panchayath	all Wards	Low
Daily wage/migrant workers	All panchayath	All wards	Mild
Limited access to safe water & sanitation	Vattavada, Kanthalloor, Marayoor,	All wards	High
Wetland-adjacent communities	Vazhathope, Mariyapuram, Munnar	Areas around Idukki Reservoir , Near Mattupetty Dam and Anayirangal Dam	Low

## 5. EPIDEMIOLOGICAL TRENDS (2021–2025)

Disease surveillance is the systematic collection, analysis, and interpretation of health data for planning, implementation, and evaluation of public health practice. This section presents the disease surveillance profile of the DISTRICT based on routine reporting systems and outbreak investigations to identify priority diseases, seasonal patterns, and emerging public health threats.

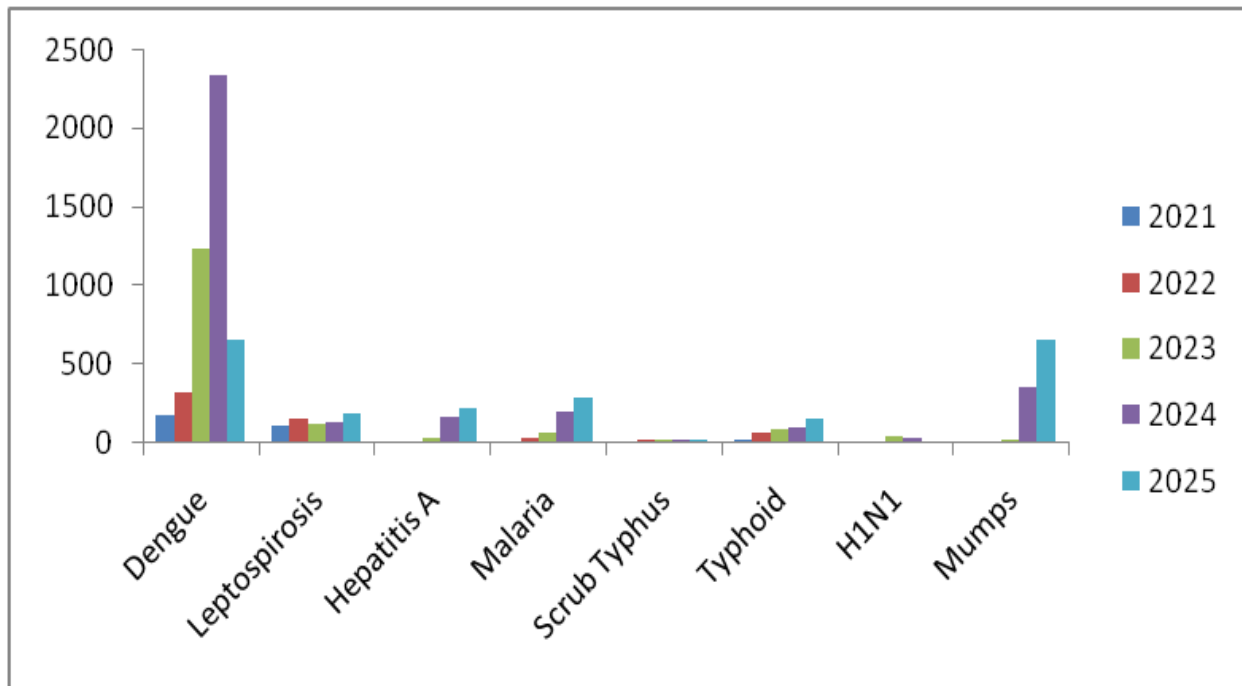
### Disease Burden among human beings (Last 5 Years)

Analysis of disease-wise data for the last five years helps identify persistent public health problems, emerging diseases, and changes in disease burden. This information supports prioritisation of prevention, preparedness, and response activities at the district level.

#### Year-wise distribution of C.D

Disease	2021	2022	2023	2024	2025	Trend(Increasing/Stable/Decreasing)
Dengue	182	323	1228	2329	657	Increasing
Leptospirosis	111	157	127	131	190	Increasing
Hepatitis A	12	12	34	172	225	Increasing
Malaria	14	24	66	200	290	Increasing
Scrub Typhus	9	20	27	22	25	Stable
Typhoid	26	59	93	101	160	Increasing
ADD	6092	11076	10261	9541	10073	Stable
Mumps	3	7	19	357	652	Increasing
Measles	0	2	8	0	12	Increasing
Hepatitis B	0	11	12	22	6	Stable
Hepatitis C	0	3	1	5	2	Stable
Tuberculosis	485	476	451	441	386	Decreasing

COVID-19	149854	59809	3397	159	269	Decreasing
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The five-year trend (2021–2025) of communicable diseases in Idukki district reflects a clear epidemiological transition, marked by a sharp decline in pandemic-related cases and a growing prominence of endemic and seasonal infections. COVID-19, which contributed an overwhelming burden in 2021 with 149,854 cases, shows a dramatic and consistent decline to 59,809 in 2022, 3,397 in 2023, and further down to minimal levels in 2024 (159) and 2025 (269), indicating effective containment and population-level immunity. In contrast, Acute Diarrhoeal Diseases (ADD) remain the leading contributor throughout the period, rising from 6,092 cases in 2021 to 10,073 in 2025, highlighting persistent concerns related to water quality, sanitation, and hygiene practices.

Vector-borne and water-borne diseases show an overall increasing trend. Dengue demonstrates a steep rise from 182 cases in 2021 to a peak of 2,329 in 2024, before declining to 657 in 2025, still significantly higher than earlier years, indicating recurring outbreak potential. Leptospirosis shows a gradual increase, reaching 190 cases in 2025, suggesting sustained endemic transmission, particularly during monsoon seasons. Hepatitis A rises sharply from 12 cases in 2021–2022 to 225 in 2025, pointing toward possible outbreaks linked to contaminated food or water. Malaria also shows a consistent upward trend, increasing from 14 cases in 2021 to 290 in 2025, underscoring the need for strengthened vector control measures. Typhoid cases steadily increase over the years, reflecting ongoing challenges in sanitation and food safety.

Diseases like Scrub Typhus, Hepatitis B, and Hepatitis C remain relatively stable with minor fluctuations, indicating controlled but persistent transmission. Tuberculosis shows a gradual decline from 485 cases in 2021 to 386 in 2025, suggesting improvements in diagnosis, treatment, and control programs. Meanwhile, vaccine-preventable diseases such as mumps and measles show concerning increases, particularly the sharp rise in mumps cases from 19 in 2023 to 652 in 2025, indicating potential gaps in immunization coverage or waning immunity.

Overall, the data highlights a transition from a pandemic-driven disease burden to one dominated by endemic and seasonal infectious diseases. This underscores the urgent need for strengthened public health strategies focusing on vector control, safe water and sanitation, immunization coverage, and continuous disease surveillance to effectively manage the evolving health scenario in the district.

### Seasonal Trend Analysis

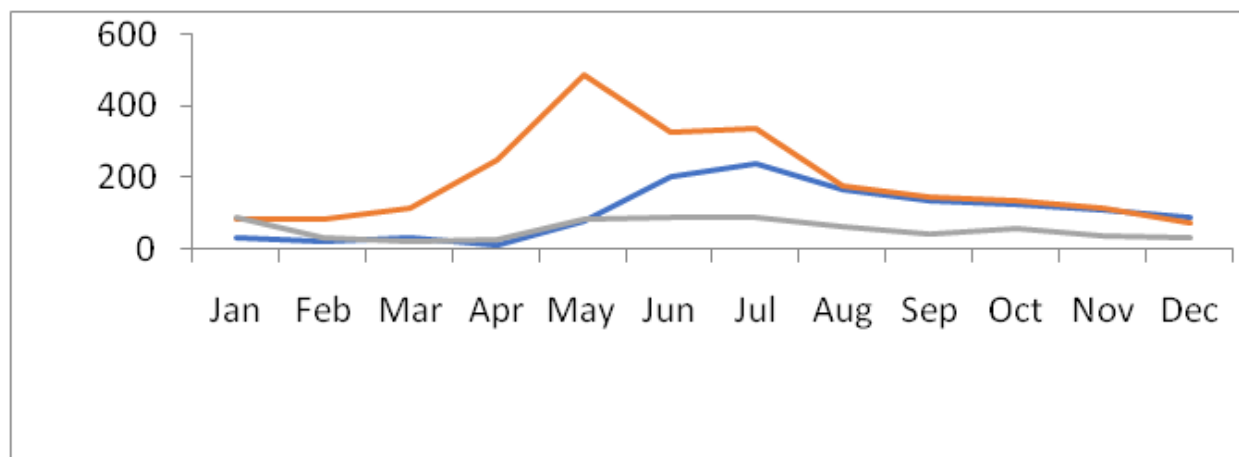
Seasonal analysis helps anticipate surges (e.g. dengue in monsoon, leptospirosis after floods, influenza in cooler months) and plan pre-emptive vector control, stockpiling of IV fluids, and awareness campaigns at district level.

### Dengue – LSG-wise Yearly Distribution (2023–2025)

#### DENGUE

Dengue is a major seasonal vector-borne disease strongly associated with rainfall, water stagnation, and increased mosquito breeding during the monsoon period.

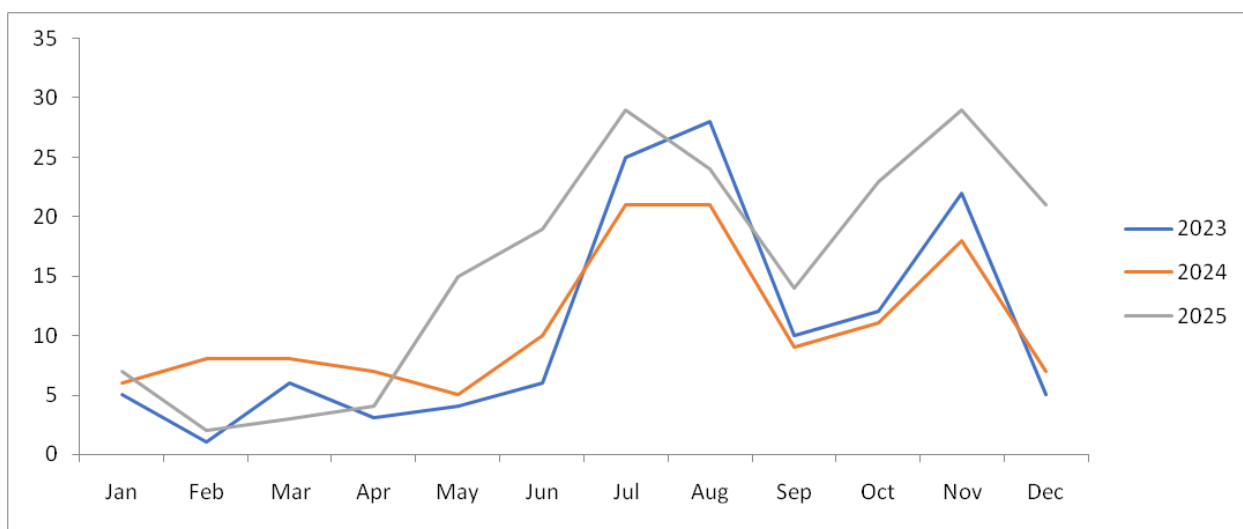
Peak: May–August



The dengue data from 2023 to 2025 shows a clear seasonal and fluctuating trend. Total cases increased from 1,228 in 2023 to a peak of 2,329 in 2024, indicating a major outbreak, before dropping sharply to 657 in 2025, suggesting improved control measures or favorable conditions. Across all years, cases remain low from January to April, rise rapidly from May, and peak during the monsoon months of June to August, followed by a gradual decline. Notably, 2024 experienced an unusually early and intense surge starting in April–May, while 2025 maintained comparatively low and stable numbers.

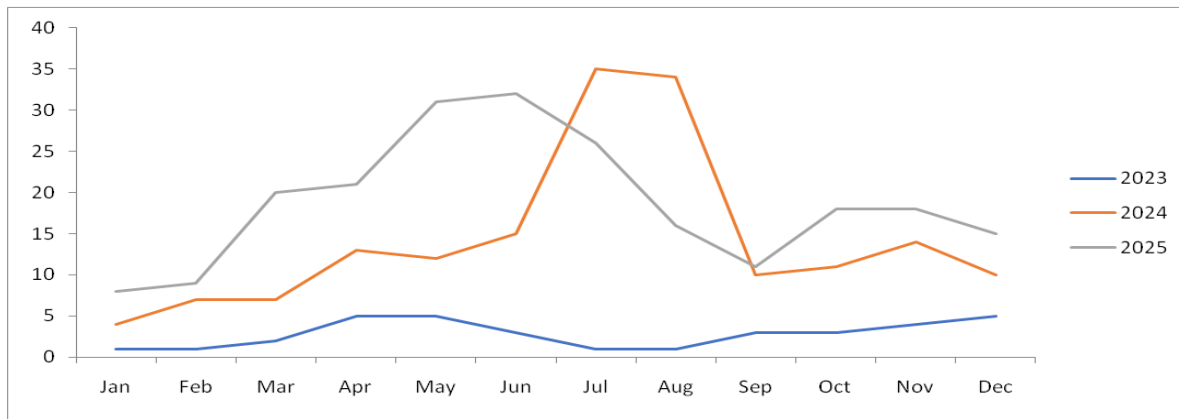
### Leptospirosis – LSG-wise Yearly Distribution (2023–2025)

Peak: June - Sep



The leptospirosis data from 2023 to 2025 shows a generally increasing trend with clear seasonal patterns. Total cases rose moderately from 2023 to 2024 and increased further in 2025, indicating a growing public health concern. Across all years, cases are relatively low in the early months (January to April), begin rising in May, and peak during the mid to late monsoon period (June to September), with some extended high values into October and November. The highest spikes are observed in July and August each year, with 2025 recording the most pronounced peaks and sustained higher cases toward the end of the year. Overall, the pattern suggests leptospirosis is strongly linked to rainy season conditions, Transmission Trend- 2025

### Hepatitis A – LSG-wise Yearly Distribution (2023–2025)



### Outcome-Based Trend Analysis- 2025

Outcome-based analysis of disease patterns in 2025, focusing on mortality outcomes rather than just incidence. The objective is to evaluate the effectiveness of public health interventions, healthcare response systems, and preventive strategies across different categories of diseases.

Vector-borne diseases, such as dengue and malaria, form a major part of the disease burden. Despite the high number of cases, mortality is very low, indicating effective vector control, early detection, and clinical management. However, the persistent high incidence suggests that risk of transmission remains, and preventive measures must continue.

### Transmission Trend- 2025

For effective management of public health issues, it is important to track the trend of disease transmission mode. It helps identify the population or place at high risk that can be used to predict outbreaks and implement targeted interventions as quickly as possible. Understanding these kinds of trends enables authorities to allocate resources efficiently and change the strategies adequately based on the trend that follows

### Vector-Borne Disease

<b>Disease</b>	<b>No. of Cases</b>	<b>No. of Deaths</b>
Dengue	657	1
Malaria	290	1
Chikungunya	0	0

### Water Borne Disease

<b>Disease</b>	<b>No. of Cases</b>	<b>No. of Deaths</b>
Cholera	0	0
Typhoid	160	0
Hep- A	225	2
Dysentery	4	0
Amoebiasis	3	1
E- Coli infections	0	0

## Air Borne Disease

<b>Disease</b>	<b>No. of Cases</b>	<b>No. of Deaths</b>
Influenza	83	2
H1N1	12	0
TB	386	38
Chickenpox	665	1
Measles	0	0
Covid-19	269	0
Pertussis	0	0
Mumps	652	0

## Zoonotic Disease

Disease	No. of Cases	No. of Deaths
Rabies	0	0
Leptospirosis	190	14
Avian influenza	0	0
West nile	0	0
Anthrax	0	0
Nipah	0	0
Scrub Typhus	25	0

The reported data indicates that dengue is the most prevalent among the listed diseases, with 657 cases and 1 death, highlighting its continued public health significance and potential severity despite a relatively low fatality rate. Malaria follows with 290 cases and 1 death, suggesting a moderate disease burden with similar mortality impact, emphasizing the need for sustained vector control and early treatment measures.

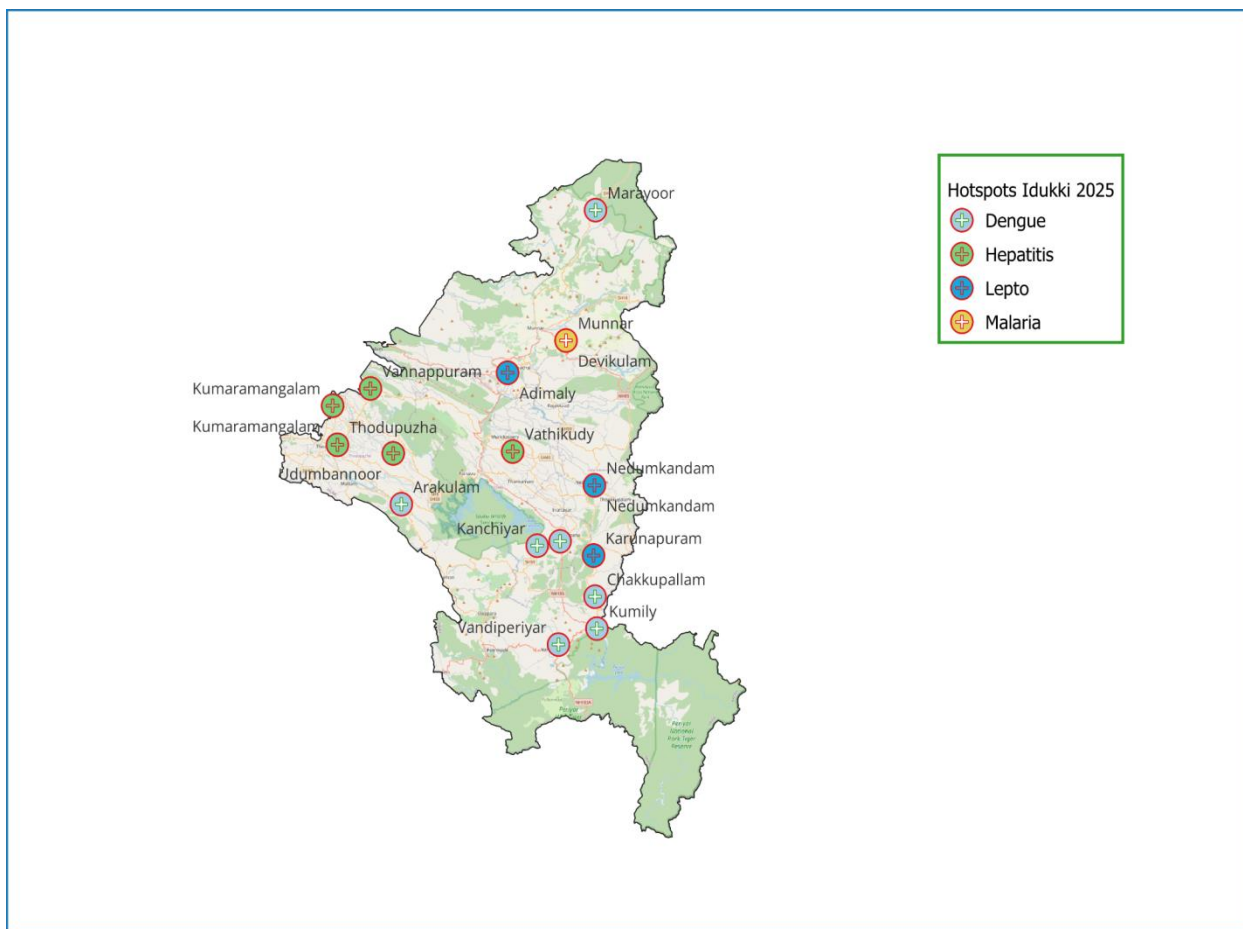
The data indicates that **Hepatitis A** is the most significant contributor among the listed diseases, with 225 cases and 2 deaths, suggesting a notable public health concern likely linked to contaminated food and water sources. **Typhoid** also shows a considerable burden with 160 cases but no reported deaths

The data shows that **Chickenpox (665 cases)** and **Mumps (652 cases)** are the most commonly reported diseases. **Tuberculosis (386 cases, 38 deaths)** remains the most serious concern in terms of mortality, accounting for the highest number of deaths and highlighting the need for strengthened early detection and treatment adherence. **Influenza (83 cases, 2 deaths)** and **H1N1 (12 cases, no**

**deaths**) indicate the continued presence of seasonal respiratory infections with relatively low fatality. **COVID-19 (269 cases)** shows low incidence and no deaths, confirming its reduced impact compared to previous years.

The data indicates that **Leptospirosis** is the most significant health concern among the listed diseases, with 190 reported cases and 14 deaths, reflecting a high case-fatality rate and highlighting its severe impact, particularly during monsoon seasons when exposure risk is higher. **Scrub Typhus** is reported with 25 cases but no deaths.

### CD HOTSPOTS IN IDUKKI DISTRICT



## 6. Assessing Core Capacities

### 6.1 Mapping of existing plans and committees:

The existing plans at district level involved in navigating pandemic related situations has been presented below in a flow chart:

At District level:

SIGNAL GENERATION

(Community / Hospitals / Labs / Field Staff)

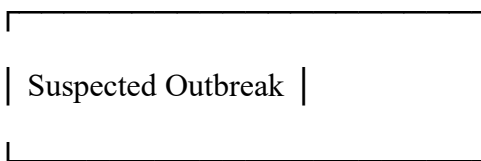
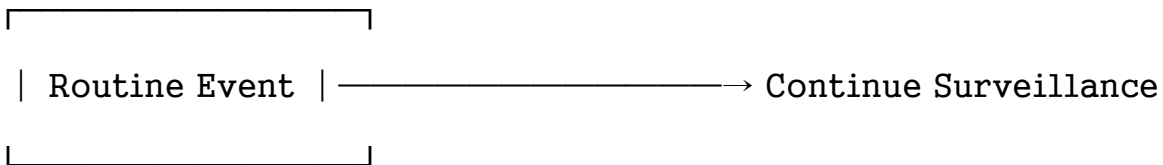


DISTRICT IDSP UNIT (CIVIL STATION, PAINAVU, IDUKKI)

(Data collection, validation, analysis)



ALERT GENERATED



PEID CELL – GOVT MEDICAL COLLEGE, IDUKKI

(Advanced epidemiology + lab support)



DISTRICT RAPID RESPONSE TEAM (RRT) - Lead by District Collector

(Field investigation & containment)

↓

CONTROL MEASURES

(Isolation, contact tracing, IEC, vector control)

↓

FEEDBACK TO IDSP & DISTRICT EOC

(Reporting + monitoring)

Existing plans, committees, and coordination platforms should be systematically mapped to clearly define roles and responsibilities, ensuring efficient implementation of response actions during public health emergencies. To strengthen district preparedness, existing disaster management and health response committees may be aligned and integrated under a unified District Pandemic Emergency Operations Centre (EOC) framework, with the Incident Command System (ICS) and Local Self Government (LSG) Disaster Management Committees being restructured and adapted from existing institutional arrangements to ensure clarity in command, coordination, and field-level response.

### **District Emergency Operations Centre (EOC).**

The District EOC will function as the central coordination hub for pandemic preparedness and response.

#### **Key Roles:**

- District Collector – Overall Command
- District Medical Officer – Health Lead
- District Surveillance Officer – Data & Surveillance
- District Disaster Management Officer – Operations Coordination
- Police Department – Law & Order
- Information Officer – Risk Communication

#### **Functions:**

- 24×7 monitoring
- Interdepartmental coordination
- Resource mobilisation

## Incident Command System (ICS)

Role	Officer	Responsibility
Incident Commander	District Collector	Overall control
Technical Advisor	DMO	Health strategy
Operations	Health Dept	Surveillance & response
Logistics	Supply Dept	Equipment & supplies
Planning	Planning Officer	Forecasting
Finance	Treasury	Budget tracking

## LSG Disaster Management Committee (LDMC)

At Panchayat level:

- President – Chairperson
- Medical Officer – Technical Lead
- Health Inspector – Surveillance
- JHI/JPHN – Field monitoring
- Kudumbashree – Community mobilisation
- Police – Enforcement

### 6.2 Assessment of Core capacities

Assessing core capacities is essential for understanding the readiness of the health system to effectively prevent, detect, and respond to public health emergencies. It helps identify existing strengths, gaps, and resource needs across critical domains such as surveillance, laboratory services, clinical care, logistics, and coordination. This systematic assessment supports evidence-based planning, prioritization of interventions, and efficient allocation of resources, thereby enhancing overall district preparedness and response capacity.

### District Core Capacity Checklist (Resource Mapping)

The District Core Capacity Checklist is a practical tool designed to systematically assess and map the availability of essential resources and systems required for effective pandemic preparedness and response. It enables the identification of existing strengths and critical gaps across key domains such as surveillance, clinical care, laboratory services, logistics, and community engagement, thereby supporting evidence-based planning and timely decision-making at the district level.

### **Governance & Coordination**

District EOC functional  ICS structure defined  Interdepartmental coordination  LSG committees active

### **Surveillance (IDSP)**

Reporting from all facilities  Event-based surveillance  Alert thresholds defined  Data analysis & feedback system

### **Laboratory Services**

Public & private labs mapped  Sample collection & transport system  Cold chain maintained  TAT monitoring

### **Clinical Care & Surge Capacity**

Bed availability (general/oxygen/ICU)  Isolation facilities  Referral pathway defined  Surge expansion plan

### **Oxygen & Critical Care**

Oxygen-supported beds  Supply sources identified  Buffer stock maintained  Monitoring system

### **Human Resources**

Doctors & nurses  Field staff (JHI/JPHN/ASHA)  Lab staff  RRT teams  Backup staffing plan

### **Logistics & Supply Chain**

Essential drugs  PPE stock  Stock monitoring  Emergency procurement system

### **Transport & Referral**

Ambulances mapped  Referral transport system  Remote area access plan

### **Community Systems**

Volunteer registry  Community surveillance  Home care support

### **Risk Communication**

IEC plan  Communication channels  Misinformation control  Helpline

### **One Health**

Animal health coordination  Zoonotic surveillance  High-risk areas mapped

## **Environmental Risk**

- Disaster-prone areas
- Water & sanitation risks
- Vector control measures

## **GIS & Mapping**

- Facility mapping
- Hotspot mapping
- Transport routes

## **Rapid Response**

- RRT constituted
- SOP available
- Outbreak response system

## **Vulnerable Population**

- Elderly
- Chronic illness
- Pregnant
- Tribal/migrant groups

## **Data Management**

- Reporting formats
- Line listing
- SitRep system
- Documentation

## **6.3 Build & Organise critical capacities**

The development and organisation of core capacities for pandemic preparedness and response should follow a structured, systems-based approach aligned with public health and emergency management frameworks. This process begins with a comprehensive assessment and mapping of existing capacities across key domains, including governance, surveillance, laboratory services, clinical care, human resources, logistics, and community systems, to identify strengths, gaps, and priority areas for intervention.

Core capacities should be organised within an integrated governance structure, anchored by a functional Public Health Emergency Operations Centre (EOC) and a clearly defined Incident Command System (ICS), ensuring clarity in leadership, coordination, and decision-making. Existing institutional mechanisms at district and Local Self Government (LSG) levels should be harmonised and aligned within this framework to avoid duplication and enhance operational efficiency.

Strengthening of surveillance and laboratory systems is critical for early detection and situational awareness, supported by standardized reporting mechanisms, real-time data management, and integration with national platforms such as IDSP/IHIP. Clinical management capacities should be structured through defined referral pathways, facility-level preparedness, and scalable surge capacity plans, including oxygen and critical care support.

Human resource capacity should be developed through appropriate staffing, role delineation, and continuous training, while logistics and supply chain systems must ensure the availability and timely distribution of essential medicines, diagnostics, and protective equipment. Functional transport and referral systems are essential to ensure equitable access to care, particularly in geographically challenging settings.

Community engagement and risk communication are integral components, requiring established mechanisms for information dissemination, community-based surveillance, and management of

misinformation. Adoption of a One Health approach further strengthens preparedness through coordinated surveillance and response across human, animal, and environmental health sectors.

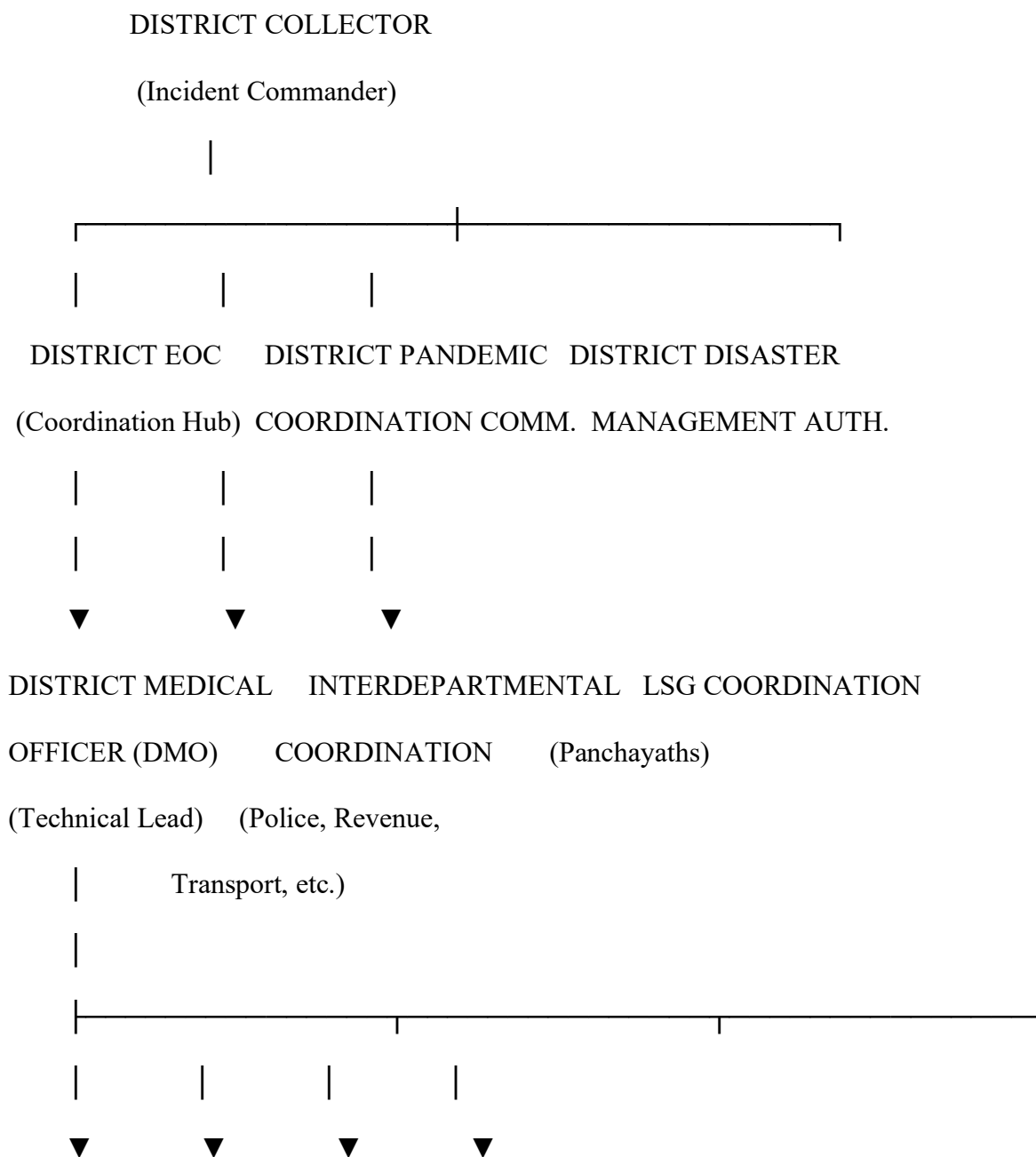
A well-defined rapid response system, supported by trained Rapid Response Teams (RRTs), standard operating procedures, and outbreak investigation protocols, is essential for timely containment of public health threats. Continuous monitoring, periodic evaluation, and regular updating of plans are necessary to ensure that core capacities remain responsive and adaptable to evolving risks.



## 6.4 Governance & Structure

Governance mechanisms should integrate existing disaster management, health systems, and Local Self Government (LSG) institutions, with clearly delineated roles at district, block, and panchayath levels. Support systems—such as logistics, transport, human resources, and communication—are particularly critical in ensuring service delivery across remote and vulnerable areas. Strengthening these systems enables a responsive, well-coordinated, and context-specific approach to managing public health emergencies in Idukki.

Given below is a structured flow chart for administration in top - down approach.



SURVEILLANCE    CLINICAL CARE    LOGISTICS &    RISK COMMUNICATION

(DSO / IDSP) & HOSPITALS    SUPPLY CHAIN    & IEC UNIT



PEID CELL    TALUK / DISTRICT CIVIL SUPPLIES    MEDIA / IEC

(Medical College) HOSPITALS    / TRANSPORT    TEAM



RAPID RESPONSE TEAMS (RRTs)



FIELD LEVEL (PHC / SUBCENTRE / ASHA)



COMMUNITY & LSG LEVEL

(Kudumbashree, Volunteers, Ward Committees)

### 6.5 Planning Principles & Legal Considerations

The **District Collector** serves as the overall authority and Incident Commander, providing leadership, administrative control, and interdepartmental coordination. The **District Medical Officer (DMO)** acts as the technical lead, guiding all public health interventions, supported by the District Surveillance Officer (DSO) and other health officials.

A **District Pandemic Emergency Operations Centre (EOC)** should be established as the central coordination platform, integrating representatives from all key sectors.

Fig: Legal Roles and Responsibilities During a Pandemic

<b>Authority</b>	<b>Legal Basis</b>	<b>Key Powers</b>	<b>Functions During Pandemic</b>
<b>District Collector</b>	Disaster Management Act, 2005; Epidemic Diseases Act, 1897	Issue orders, enforce restrictions, requisition resources	Overall command; declare containment zones; enforce lockdown/quarantine; interdepartmental coordination
<b>District Medical Officer (DMO)</b>	State Public Health Act; Epidemic Diseases Act	Implement public health measures	Surveillance oversight; case management; IPC measures; health advisories; technical guidance
<b>District Surveillance Officer (DSO)</b>	IDSP Framework	Disease reporting & outbreak detection	Data collection & analysis; early warning; outbreak alerts; coordination with labs & field teams
<b>Police Department</b>	Disaster Management Act, IPC provisions	Enforce legal orders	Ensure compliance with restrictions; support quarantine enforcement; crowd control
<b>Revenue Department</b>	Disaster Management Act	Field-level implementation support	Containment zone management; relief support; coordination; enforcement
<b>Local Self Governments (LSG)</b>	Kerala Panchayati Raj Act / Municipal Acts	Local public health authority	Community surveillance; sanitation; IEC activities; support isolation & containment

<b>Health Institutions (Public &amp; Private)</b>	Clinical Establishments norms; Govt orders	Provide care; follow protocols	Case management; reporting to IDSP; infection control practices
<b>Animal Husbandry Department</b>	Prevention & Control of Infectious Diseases in Animals Act	Zoonotic disease control	Animal surveillance; reporting zoonotic outbreaks; coordination with health dept
<b>Civil Supplies / Food Dept</b>	Essential Commodities Act	Maintain essential supplies	Ensure food and essential supply distribution; support logistics
<b>Transport Department</b>	Motor Vehicles Act; Govt Orders	Regulate transport services	Ensure patient transport; regulate public transport during restrictions

### **Legal Framework:**

Pandemic preparedness and response in the district are guided by a set of national and state legal provisions that provide the authority for timely and enforceable public health action. Key legislation includes the Disaster Management Act, 2005; the Epidemic Diseases Act, 1897; relevant provisions of the Indian Penal Code (IPC); the Essential Commodities Act, 1955; and applicable state public health laws, including the Kerala Panchayati Raj Act and Municipal Acts.

These legal instruments empower district authorities to implement measures such as disease surveillance, case reporting, quarantine and isolation, containment zoning, movement restrictions, and enforcement of public health directives. They also enable resource mobilization, requisitioning of facilities, price control and supply of essential commodities, and continuity of critical services.

In addition, the legal framework defines the roles, responsibilities, and enforcement powers of various departments and agencies, ensuring coordinated action, accountability, and compliance during pandemic situations.

## **6.6 Plan Development & Approach**

The plan has been adopted through a risk-based and multi-sectoral approach, incorporating inputs from key stakeholders across departments such as health, revenue, police, local self-governments, and allied sectors. Epidemiological data, historical disease trends, and local contextual factors have been used to guide planning and prioritization of interventions. Special attention has been given to vulnerable populations and geographically hard-to-reach areas to ensure equitable access to services.

Basic outlay of the approach:

ASSESS → ORGANISE → STRENGTHEN → INTEGRATE → RESPOND → REVIEW

## **6.7 State Systems & Emergency Coordination**

Pandemic preparedness plan is an integrated approach across the state, Emergency co-ordination is therefore guaranteed through official channels. Every core committee in the district level is supervised at the State administrative level.

All communications and coordination shall be routed through officially designated nodal officers and established government platforms to ensure legitimacy, traceability, and adherence to administrative protocols.

## **6.8 Surveillance & Laboratory Systems**

Surveillance–Laboratory–Response Flow:

SIGNAL GENERATION

(Community / ASHA / JHI / Health Facility / Private Sector)

↓

PRIMARY REPORTING

(Subcentre / PHC / Hospital)

↓

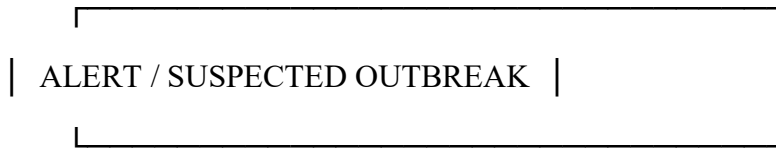
IDSP / IHIP REPORTING SYSTEM

(Data entry, validation at facility level)

↓

DISTRICT SURVEILLANCE UNIT (DSU)

(DSO – Data compilation, analysis, alert generation)



SAMPLE COLLECTION

(Designated health facilities)



SAMPLE TRANSPORT SYSTEM

(Cold chain maintained, defined routes)



LABORATORY NETWORK

(DH / TH Labs → Medical College Lab / Private Labs)



PEID CELL (Govt Medical College, Idukki)

(Advanced analysis, outbreak confirmation)



RESULT REPORTING

(To DSU / Treating Facility / IDSP Portal)



DISTRICT RAPID RESPONSE TEAM (RRT)

(Field investigation, containment measures)



CONTROL MEASURES

(Isolation, contact tracing, IEC, vector control)



## FEEDBACK LOOP

(DSU → Facilities → State IDSP)

## 6.9 Community Protection & Communication



## **6.10 Clinical Care & Essential Services**

Ensuring uninterrupted clinical care and essential health services is a critical component of pandemic preparedness and response. The district health system must be equipped to provide timely and appropriate care to affected individuals while maintaining continuity of routine health services.

Clinical care preparedness includes the identification and strengthening of health facilities at all levels, with clear triage and referral pathways from Subcentres and Primary Health Centres (PHCs) to Taluk Hospitals, District Hospital, and the Government Medical College. Adequate availability of general, oxygen-supported, and intensive care beds, along with isolation facilities, must be ensured. Standard treatment protocols, infection prevention and control (IPC) measures, and clinical management guidelines should be implemented across all facilities.

At the same time, continuity of essential health services—including maternal and child health, immunization, management of non-communicable diseases, and emergency services—must be maintained without disruption. Strategies such as dedicated service days, teleconsultation, decentralised drug distribution, and outreach services may be adopted to ensure access, particularly in remote and vulnerable areas.

Special attention should be given to high-risk and vulnerable populations, including the elderly, individuals with comorbidities, and tribal communities, ensuring equitable access to care. Human resources, logistics, and supply systems must be aligned to support both pandemic response and routine service delivery.

Overall, a balanced approach that integrates surge capacity for pandemic care with the sustained provision of essential health services is essential to minimize indirect morbidity and mortality during public health emergencies.

## **6.11 Access to Countermeasures**

<b>Level</b>	<b>Component</b>	<b>Key Activities</b>	<b>Responsibility</b>
<b>State</b>	Procurement & Allocation	Procurement of vaccines, medicines, diagnostics; allocation to districts	State Health Department
<b>District</b>	Storage & Distribution	Receipt of supplies; storage at district warehouse; distribution planning	District Health Authorities / DMO
<b>Cold Chain System</b>	Storage & Transport	Maintain cold chain; ensure safe transport to facilities	Cold Chain Officer / Logistics Team
<b>Facility Level</b>	Service Delivery	Administration of vaccines/medicines; diagnostics; patient care	Hospitals / PHCs / Health Staff
<b>Outreach Level</b>	Last-Mile Delivery	Delivery through subcentres, camps, mobile units	Field Staff (JHI/JPHN/ASHA)
<b>Target Population</b>	Priority Coverage	Identification of high-risk groups; ensure equitable access	Health Dept / LSG
<b>Monitoring</b>	Stock Coverage Tracking	Monitor stock levels, utilization, and coverage; reporting	District Surveillance Unit / Program Officers

### **Vaccine Access and Antiviral/PPE Strategic Reserve**

<b>Subheading</b>	<b>Component</b>	<b>Key Activities</b>	<b>Responsibility</b>
<b>VACCINE ACCESS STRATEGY</b>	Demand Estimation	Population-based estimation; prioritization of high-risk groups	District Health Authorities / DSO
	Allocation & Supply	Coordination with State for vaccine allocation based on risk and coverage gaps	DMO / State Health Department
	Cold Chain Management	Ensure ILR/DF capacity; temperature monitoring; backup systems	Cold Chain Officer
	Session Planning	Fixed, outreach, and mobile vaccination sessions	Block Medical Officers
	Priority Coverage	Elderly, comorbid, pregnant women, frontline workers, vulnerable populations	Health Department / LSGIs
	Equity Measures	Special camps in remote/tribal areas; mobile units	District Administration / LSGIs
	AEFI Management	Reporting and management of adverse events following immunization	Medical Officers / AEFI Committee
	Monitoring	Coverage tracking, wastage monitoring	DSO / Programme Officers
<b>ANTIVIRAL DRUG STRATEGY</b>	Stockpiling	Maintain buffer stock as per guidelines	DMO / District Store
	Distribution	Timely supply to hospitals and treatment centres	District Logistics Team
	Rational Use	Adherence to treatment protocols; prevent misuse/resistance	Medical Officers
	Monitoring	Track consumption and stock levels	Pharmacists / Programme Officers

<b>PPE STRATEGIC RESERVE</b>	Buffer Stock Maintenance	Maintain 30–90 days stock of PPE (masks, gloves, gowns, shields)	District Health Authorities
	Storage	Centralized warehouse; proper inventory system	District Store Officer
	Distribution Plan	Need-based allocation to facilities and field staff	DMO / Logistics Team
	Quality Assurance	Ensure standards as per MoHFW/WHO	Procurement Committee
	Emergency Scaling	Rapid procurement during surge situations	District Administration
	Stock Management	FEFO principle; periodic audits	Store Officer / Pharmacist
	Cold Chain Backup	Generators/solar backup systems	Cold Chain Officer
	Redistribution	Inter-block redistribution during shortages	DMO / Logistics Team

## 6.12 Plan Activation & Operational Triggers

ROUTINE SURVEILLANCE (IDSP/IHIP)

↓

NO ALERT → Continue Monitoring

↓

ALERT SIGNAL DETECTED

(Cluster / Rise in cases / Unusual death)

↓

VERIFICATION BY DISTRICT SURVEILLANCE UNIT (DSU)

↓

\_\_\_\_\_



<b>Level</b>	<b>Trigger Indicators</b>	<b>Actions</b>	<b>Authority</b>
<b>Level 0 – Routine</b>	No unusual trends	Routine surveillance	DSO
<b>Level 1 – Alert</b>	Cluster of cases, rise above threshold, unusual event	Intensified surveillance, field verification	DSO / DMO
<b>Level 2 – Response</b>	Confirmed outbreak, rising cases, lab confirmation	Activate RRT, partial EOC activation, containment measures	District Collector / DMO
<b>Level 3 – Emergency</b>	Rapid spread, multiple clusters, high mortality, state alert	Full EOC activation, resource mobilization, restrictions	District Collector

### **6.13 Health system surge**

#### **ROUTINE CAPACITY**

(Normal bed occupancy & services)

↓

#### **INCREASE IN CASE LOAD**

↓

#### **LEVEL 1: OPTIMIZATION**

- Efficient bed utilization
- Early discharge / triage

↓

#### **LEVEL 2: EXPANSION**

- Activate additional beds

- Open LTCs / isolation wards ↓

#### LEVEL 3: SURGE FACILITIES

- Convert schools/halls to care centres
- Increase oxygen-supported beds

↓

#### LEVEL 4: CRITICAL SURGE

- Mobilize additional HR
- Inter-district/state support
- Resource reallocation

↓

#### CONTINUOUS MONITORING

(Beds, oxygen, HR, outcomes)

↓

DE-ESCALATION (As cases decline)

### **6.14 Supplies and logistics**

The LSG shall coordinate closely with Block, District, and State authorities (KMSCL) to ensure uninterrupted availability of essential goods, medical supplies, and logistics during a pandemic. Supply requirements shall be assessed regularly based on case load and communicated promptly to the appropriate authorities for timely replenishment.

# Idukki District Pandemic Preparedness: Critical Supplies & Logistics Framework



## BUFFER STOCK

SL No.	ITEM	CURRENT STOCK
1	PPE KITS	Nil
2	N95 MASK	600
3	GLOVES 7	207962
4	GLOVES 7.5	5450
5	MASK 3 LAYER	7267
6	HAND SANITIZER	337
7	INJ.ADRENALINE	442
8	AMLODIPINE TAB	3502110
9	ATROPINE INJ	5873
10	CPM 4 TAB	290800
11	CPM INJ	8923
12	CLOPIDODREL 75 TAB	2075069
13	DENGUE LATEX KIT	3512
14	DICYCLOMINE INJ	14752
15	SYRINGE 2CC	388952
16	DOXYCYCLINE 100 MG TAB	26021
17	HEPARIN INJ	1708
18	I.V CANNULA 24	30186
19	I.V SET	45800
20	INSULIN 30/70 INJ	118278
21	METFORMIN 500	7276504
22	ORS	50843
23	PARACETAMOL INJ	18250
24	PARACETAMOL TAB 50MG	6759750
25	RANITIDINE 150 TAB	589650
26	DNS	23405
27	NS 500 ML	69869
28	DEXTROSE 25 %	1397

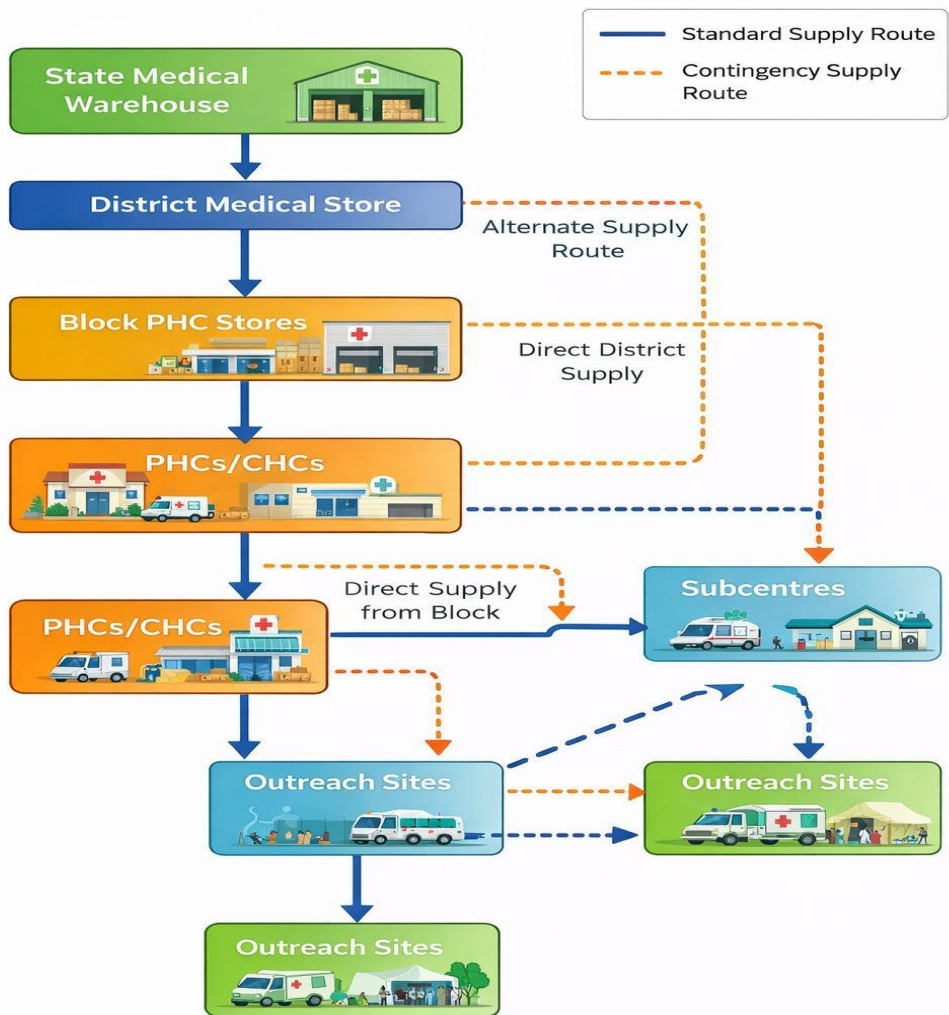
6.15 Map and formalise supply chains with contingency routes, framework agreements, and a simple inventory

## Supply chain route map with Contingency

Level	Primary Route	Contingency Route	Mode of Transport	Nodal Person
<b>State to District</b>	State Medical Warehouse → District Store	Alternate State Depot → District Store	State transport / Contract vehicle	State Logistics Officer
<b>District to Block</b>	District Store → Block PHC	Direct to PHC (if block disrupted)	District vehicle	DMO / Store Officer
<b>Block to Facility</b>	Block PHC → PHCs/CHCs	District direct supply	Ambulance / Health vehicle	Block MO
<b>Facility to Outreach</b>	PHC → Subcentre / Camps	Mobile Medical Unit	Field transport	JHI / JPHN

## Frame work Agreements

Component	Details	Responsibility
<b>Vendor Identification</b>	Pre-qualified suppliers for drugs, vaccines, PPE, and logistics	District Administration
<b>Rate Contracts</b>	Pre-negotiated pricing for essential items	Procurement Committee
<b>Emergency Procurement</b>	Fast-track approval system during outbreaks	District Collector / DMO
<b>Local Procurement</b>	Tie-ups with local pharmacies, oxygen suppliers, and transport agencies	Block Medical Officers
<b>Quality Assurance</b>	Compliance with MoHFW/WHO standards	QA Committee
<b>Legal Documentation</b>	MoUs/contracts with vendors for surge supply	District Administration



## PREPAREDNESS AND RESPONSE PROTOCOL AT DISTRICT LEVEL

This section describes the operational framework for the district once a pandemic is declared. It explains how the DISTRICT and health system will move from routine data collection to active response, using a One Health approach

### Constitution of One Health Committee

The district shall constitute a One Health Committee comprising the district collector, Medical Officers (Modern Medicine, AYUSH, and Veterinary), the Health Inspector, and the Veterinary Surgeon.

**Objective:** The One Health Committee coordinates human, animal, and environmental health to prevent and control pandemics

SI No	Designation	Department/Institution	Role in Committee
1	District collector	DISTRICT	Chairperson
2	District Medical Officer(Health)	Health Dept	Member Secretary
3	District Animal Husbandry Officer	Animal Husbandry	Member
4	Deputy Director, Panchayats	LSGD	Member
5	District Agriculture Officer	Agriculture Department	Member
6	District Fisheries Officer	Fisheries Department	Member
7	District Forest Officer	Forest Department	Member
8	District Food Safety Officer	Food Safety Department	Member
9	District Surveillance Officer	Health	Member
10	District NKKP2 Nodal Officer (Convener)	Health	Member
11	Civil society Representative	Non-Governmental Organization / Community Organization	Member
12	Line Department representations	Police, Education, Forest, Tribal,	Member

### Key Responsibilities:

- Review disease surveillance data (human + animal)
- Conduct ward-wise risk assessment and vulnerability mapping

- Approve quarantine/isolation centre locations
- Coordinate with district for resources (PPE, oxygen, ambulances)
- Periodically review health system surge capacity, including beds, oxygen, human resources, and ambulances.
- Approve and monitor risk communication and community engagement strategies, including rumour management.
- Ensure protection and service continuity for vulnerable groups (elderly, persons with disabilities, dialysis patients, coastal populations).
- Conduct quarterly mock drills
- Monitor equity measures for vulnerable groups

### **Meeting Schedule:**

Quarterly (normal times) | Weekly (outbreak alert) | Daily (pandemic phase)

### **Pandemic Response Workforce**

To ensure a coordinated and timely response during a pandemic, a dedicated Pandemic Response Workforce shall be constituted at the District level. The workforce will function under the overall supervision of the One Health Committee and in close coordination with the health authorities. Team-based deployment will enable efficient surveillance, case management, quarantine and isolation management, logistics support, and risk communication. Each team shall have a clearly designated team leader, defined roles, and an identified pool of personnel to allow rapid activation, rotation of duties, and continuity of services during prolonged emergencies.

<b>Team Name</b>	<b>Composition</b>	<b>Key Responsibilities</b>	<b>Team Leader</b>
<b>Surveillance and Contact Tracing Team</b>	MO, HI, JHI, JPHN, ASHAs and Volunteers	Case detection, contact listing, home visits, reporting	HI
<b>Case Management Team</b>	Doctors, Nurses, MLSP, Palliative Nurses	Patient care & referral	DOCTOR
<b>Quarantine &amp; Isolation Team</b>	MO, Staff Nurse, HI, JHI,	Facility management	JHI
<b>Psychosocial support</b>	DMHP team and field staffs	mental health support,	DMHP Nodal Officer
<b>Logistics &amp; supply chain Team</b>	SVO, PSK, Pharmacist	Supplies & transport [PPE, medicines, oxygen, transport, waste management]	Ward Member
<b>Communication Team</b>	Ward members, Kudumbashree, Youth clubs, AWW workers and other self help groups	IEC, community meetings, countering misinformation	DMO
<b>Transportation</b>	Ambulances and Health Department Vehicles, Other Department Vehicles, MVD, Police educational institutional buses, Taxi drivers associations	Patient transport, staff transport, movement of supplies and emergency evacuation support	HI

<b>Media Surveillance</b>	PRD ,Mass media team, PROs, HI	Monitoring news outlets, social media, and digital platforms to identify unusual health events or disease patterns	DSO
Intersectoral coordination and convergence	District Medical Officer,DSO,MOs	Coordinate activities Between line department	DMO/DSO
Collaborative surveillance	Animal Husbandry, LSGI, Forest, Education	Coordinate activities between health, police, LSGD, education, and other departments for pandemic response	DSO/Medical Officer

All teams shall be activated immediately upon outbreak alert or pandemic declaration and shall report daily to the LSG Incident Commander/Medical Officer, with consolidated reporting to the Block PHC. Duty rosters and alternate personnel shall be maintained to ensure uninterrupted services during staff shortages or prolonged response periods. Team composition and numbers may be revised based on the magnitude of the outbreak and availability of human resources.

### **Activities and Measures before and during Pandemic**

#### **PHASE 1 - Alert / Preparation**

#### **Surveillance and Reporting-Enhanced syndromic surveillance:**

##### **1. Data sources for surveillance:**

- Health institutions (PHC, CHC, hospitals)
- Private hospitals and clinics
- Laboratory reports

- ASHA workers and other field-level health workers
- Schools and Anganwadis
- Veterinary department (animal health data)
- Water supply and sanitation departments
- Death registers
- Community complaints and informal reports
- Integrated Disease Surveillance Programme (IDSP) reports

## 2. Event-based triggers (to be monitored and reported):

- Sudden increase in cases of fever, diarrhea, jaundice, or respiratory illness
- Clustering of similar symptoms in a specific area, household, school, or institution
- Unusual or unexplained deaths (human or animal)
- Increase in absenteeism in schools or workplaces
- Reports of water contamination or sanitation issues
- Floods, heavy rainfall, or other environmental changes
- Migration of population or large public gatherings
- Detection of unusual pathogens or lab-confirmed outbreaks
- Media reports or community rumors about disease outbreaks
- Increase in vector density (e.g., mosquitoes)
- Animal illness or deaths indicating possible zoonotic risk

## 3. Zoonotic and animal health surveillance

- Regular monitoring of animal health through the Veterinary Department
- Reporting of unusual illness or deaths in livestock, poultry, and wild animals
- Surveillance of diseases transmitted from animals to humans
- Coordination between health, veterinary, and forest departments
- Vaccination status of domestic animals

## 4. Logistics and Stock Preparedness

- Identify and empanel local vendors and define emergency procurement mechanisms in accordance with existing LSGD and Health Department norms.

- Prepare and maintain an essential logistics checklist covering medical supplies, consumables, and support equipment.
- Pre-identify secure storage locations for emergency stocks and ensure maintenance of stock registers with regular updating.
- Finalise emergency transport arrangements, including availability of vehicles and identified drivers for rapid deployment during alerts.
- Designate a Nodal Officer for Logistics to enable prompt decision-making, coordination, and communication during emergencies.
- Conduct rapid stock verification and ensure availability of minimum buffer stock, including:

Identify critical gaps in logistics and immediately communicate requirements to the Block and District authorities for timely replenishment and support. Monitor expiry dates and stock rotation.

#### ➤ **Identification of Quarantine and Isolation Facilities**

- Identify and list suitable buildings for quarantine and isolation (schools, hostels, community halls, etc.).
- Categorise cases as per the severity and allocate to appropriate facilities (for instance, severe cases to classrooms, mild cases to an assembly hall in case of a school).
- Facility readiness checklist needed (beds, toilets, ventilation) etc.
- Find an alternate site if the primary sites are not available or not in use.
- Identify facility managers and support staff
- Prepare basic SOPs for:
  - Admission and discharge
  - Food, water, sanitation
  - Infection prevention and waste disposal
- Ensure availability of basic amenities: water, sanitation, electricity, ventilation, and waste disposal. Prepare a rapid activation plan for these facilities if case numbers increase.

#### ➤ **Risk Communication and Community Preparedness**

- Disseminate early warning messages on symptoms, preventive measures, and reporting mechanisms. Display IEC materials both in English and the local language in public places and ensure ward-level awareness.
- Sensitize elected representatives and community leaders on preparedness measures.
- Establish a rumour tracking and misinformation response mechanism to identify, verify, and promptly counter false or misleading information.
- Engage trusted local persons (ward members, ASHA workers, religious leaders, teachers, community volunteers) to communicate official public health messages and reinforce correct practices.
- Develop and deploy targeted IEC materials for:
  - Schools and educational institutions
  - Markets and commercial areas
  - Work sites and labour settings
- Conduct community sensitization meetings at the ward level to promote preventive behaviors, address concerns, and strengthen community participation in preparedness and response.

#### ➤ **Protection of Vulnerable Groups**

Vulnerable populations require priority protection through targeted line-listing, service continuity, and delivery mechanisms.

- Prepare and regularly update **line-lists** of vulnerable populations, including:
  - Elderly persons living alone
  - Persons with disabilities
  - Pregnant women
  - Children under 5
  - Dialysis patients
  - Immunocompromised and Cancer Patient

The detailed line-lists shall be maintained as **Annexure** and updated periodically.

#### ➤ **Clinical Dependency Mapping**

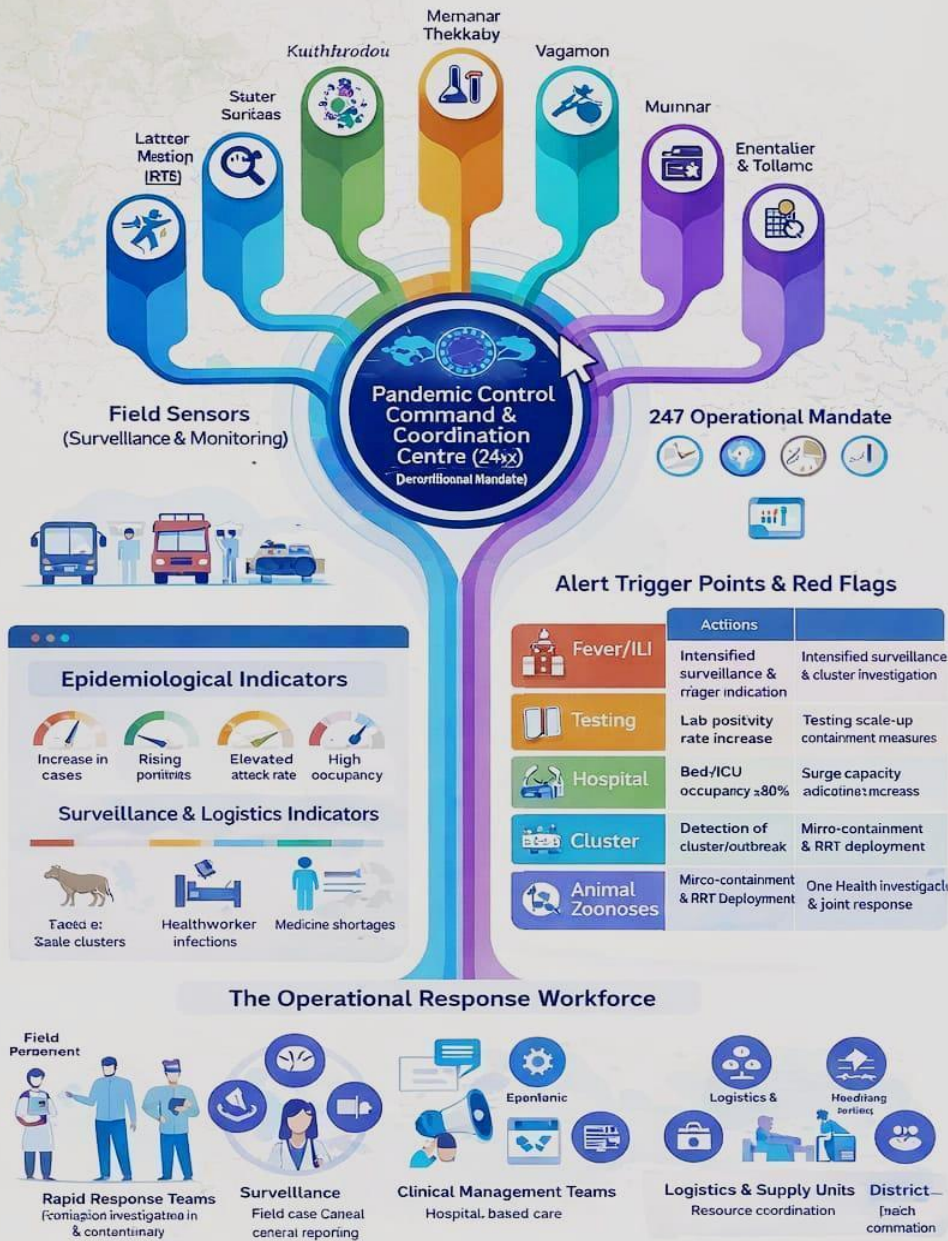
Develop ward-wise dependency and vulnerability maps to identify households requiring regular support during emergencies. Ensure continuity of essential health services for vulnerable groups, including

- Dialysis services (facility mapping, transport arrangements, and scheduling)
- Continuity of treatment for TB, HIV, and other chronic conditions requiring uninterrupted medication
- Mental health and psychosocial support services

Establish **delivery mechanisms** for food, essential commodities, and medicines to vulnerable households through coordinated action involving ASHAs, JPHNs, Kudumbashree, volunteers, and local administration.

## **PHASE 2 - Active Response**

# Idukki District Pandemic Preparedness: Phase 2 – Active Response



## 1. Case Identification and Contact Tracing

Case detection and contact tracing activities will be carried out in coordination with the Health authorities, following disease-specific SOPs and IDSP guidelines.

### **Field Staff Involved**

- Health Inspector (HI)
- Junior Health Inspector (JHI)
- Junior Public Health Nurse (JPHN)
- ASHAs and ASHA Supervisors
- Ward-level volunteers and Kudumbashree members (as required)

## **2. Screening Checkpoints**

Screening checkpoints at high-traffic locations (transport hubs, markets, religious gatherings) for early detection of symptomatic travellers and crowd screening during outbreaks. Potential locations include bus stands, market entry points, and boat jetties, based on local context and risk assessment.

Screening activities will be carried out by trained personnel such as ASHAs, ward members, and volunteers, with support from Health Department staff. Necessary equipment, including non-contact thermometers and appropriate PPE, shall be ensured prior to activation.

<b>Location</b>	<b>Type (Bus stand/Jetty/Market/Railway)</b>	<b>Staff Deployed (ASHAs/Volunteers)</b>	<b>Screening Method</b>	<b>Reporting authority</b>
Bus stand	Transport hub	One JHI One ASHA One health Mentors	1.Swab Collection. 2. Blood smears collection (RDT) 3.Thermal Scanners	Surveillance Nodal Officer in control room
Market entry	Market	One JHI One ASHA Male health volunteers	1.Swab Collection. 2. Blood smears collection (RDT) 3.Thermal Scanners	Surveillance Nodal Officer in control room
Check Post	Border Check Post / Transport Hub	HI,Health Volunteers	Thermal scanners 2. Symptom screening 3.Rapid swab screening	Surveillance Nodal Officer
Tourist Spots	Tourist Spot / Hill Station/hill top/hill stations	HI, ASHA, Health Volunteer	Thermal scanning 2.Basic health assessment	Surveillance Nodal Officer

## Standard Screening Protocol

1. TEMPERATURE CHECK (Non-contact)	2. VISUAL SYMPTOMS (Cough/Fever/Breathless)	3. TRAVEL HISTORY (Last 14 days)
↓	↓	↓
4. QUICK RISK ASSESSMENT High Risk → Test/Quarantine Suspect → PHC Referral	5. ACTION TAKEN Normal → Allowed IEC + Mask provided	

The screening protocol shall include temperature screening, observation for visible symptoms, and inquiry regarding recent travel or exposure history. Individuals identified as suspects during screening shall be immediately referred to the nearest PHC/FHC for further evaluation, testing, and appropriate action as per prevailing guidelines.

### 1. Pandemic Control Room

The Pandemic Control Room (PCR) serves as the central nerve center for real-time coordination, data aggregation, decision support, and communication during outbreaks. It consolidates information from all LSGD teams, health facilities and community sources to enable rapid response decisions.

#### Control Room Infrastructure and Location

**Primary Location:**Collectorate , Idukki

**Backup Location:** DMO Office Idukki

Health System Control Room Framework

The PCR is organized into **seven functional pillars** to ensure no aspect of the response is overlooked:

#### 1. *Rapid Response Team (RRT)*

- Provides immediate intervention during emergencies, clusters, and field alerts.
- Coordinates urgent actions such as case investigation, contact tracing, isolation, and inter-facility referrals.

#### 2. *Data Management & Analytics Team*

- Collects, validates, and manages key health system indicators (cases, tests, beds, HR, supplies).
- Analyzes data trends, generates projections, and supports evidence-based decision-making for local authorities.

#### 3. *Human Resource Deployment Team*

- Allocates healthcare staff efficiently based on workload and need

- Ensures adequate and equitable workforce distribution across facilities

#### **4. *Laboratory Surveillance Team***

- Oversees diagnostic testing coordination, sample transport, and timely reporting of results.
- Monitors lab indicators (testing volume, positivity rate, turnaround time) for early detection of outbreaks

#### **5. *Vaccination Cell (If Required)***

- Plans and executes vaccination campaigns, including micro-planning and session scheduling.
- Tracks coverage, identifies gaps, and coordinates corrective actions with field teams and outreach services.

#### **6. *Infrastructure & Patient Occupancy Team***

- Monitors facility capacity, earmarked beds, oxygen and critical care resources across all linked facilities.
- Ensures optimal patient distribution and referral management using updated bed-status and resource data.

#### **7. *Communication team***

- Develop and disseminate clear, actionable information about the pandemic to the public.
- Serve as the point of contact for media queries.
- Coordinate with health facilities, Local Self Governments (LSGs), NGOs, and other partners

#### **8. *Logistics and supply chain***

- Ensure timely availability of medical supplies, PPE, diagnostic kits, drugs, vaccines, and disinfectants.
- Maintain an updated inventory of essential items for outbreak response.
- Coordinate rapid distribution of supplies to affected areas, health facilities, and field teams.

#### **9. *Transportation (interfacility & emergency transport)***

- Arrange timely transfer of cases to appropriate health facilities.

#### **10. *Media surveillance Call centre***

- Track news reports, social media posts, and community rumors for early signs of disease outbreaks.
- This ensures early detection, accurate information flow, and effective public communication

#### **11. *Intersectoral coordination and convergence***

- Act as a central link between health, veterinary, water and sanitation, municipal, forest, and education departments.
- Facilitate joint planning and implementation of outbreak response activities.

## **CONTROL ROOM MANDATES**

- Control room will be operational 24\*7 managed by floor managers in rotation
- Control room access is authorised only to those engaged in control room activities
- Identity proof is mandatory
- In and out movement is written in log logbook
- Food items are not permitted inside the control room
- Team members of different groups have to work in their assigned areas
- Review meetings will be held in the mornings and evenings
- Minimum two members from all groups will participate in review meetings
- Critical appraisal of group activity will be done in the meetings
- The documentation team will record minutes of all meetings
- Decisions taken in the meeting will be communicated to the respective groups
- Implementation status of the decisions taken will be monitored
- Emergency meetings will be informed by phone to the respective teams by the documentation team
- The single window communication system will be operated by the documentation team
- All sub-teams communicate with the control room via their own email ID.
- All communications between the teams were coordinated through the control room.
- All communications are well documented.
- Advances in information technology are well utilised for communication
- Communication to the media will be done only through the media management team
- Health bulletin release at 6 pm
- A departmental coordination meeting at 6 pm
- Press briefing at 7 pm

## **ACTIVITIES OF VARIOUS TEAMS**

Surveillance team

### **Hospital surveillance**

- -The condition of the Symptomatic patients admitted at isolation wards of hospitals will be closely scrutinized, and reports will be updated to surveillance team
- -Analysis of the reports

### **Field surveillance**

- Those patients discharged from hospitals will be monitored by field workers in their corresponding PHC area
- Those asymptomatic travellers/contacts in home isolation will also be monitored for 28 days by field workers, and reports will be sent to the DSO

### **Lab surveillance**

- The DSO and District nodal officers entrusted for sample collection will inform to the lab surveillance team before sample collection
- Sample requisition forms will be scrutinised before sending to National Institute of Virology Pune/Alappuzha/designated labs
- Liaison with districts and sample collection point
- Support and supervise Surveillance activities at district level
- Establishing a support system with SMO (WHO), a mechanism for strengthening the IDSP disease surveillance system.
- Daily LSG-wise monitoring from state level
- Detailed data monitoring at IDSP district unit.

Identifying areas for inter-sectoral action & steps for the same.

### **24 X 7 Call Centre management team**

- **To Set-Up**
- A control room call centre should be set up in the state as well as the district. The call centre is set up with 3 laptops and 3 mobile/landline telephone facilities. Each Call Centre Operator is assigned both a telephone and a computer. One outgoing mobile facility also

available for answering pending calls. Two WhatsApp numbers are also available in the disaster control management room. Depending on the configuration of the call center, each workstation has the following items:

- Headset for hands-free answering;
- Reference materials (issued upon activation of call center operations);
- Item to be used to request assistance from the supervisor (Paper and pen/pencil, register etc)
- All phone/computer banks are set up in close proximity to power, telephone, and data sockets/ports.
- Call Center Supervisors are to utilize a sign-in/sign-out sheet to keep track of Call Center Operators.

#### MANDATES FOR CALL CENTRE

- Maintenance of discipline
- Time management
- Call centre will be operational 24\*7
- Documentation of all the activities happening in call centre
- Daily consolidation report at 4.30 pm.
- Establishing call centre with sufficient connectivity
- Linkage with DISHA system
- To answer medical queries, logistics and administrative issues regarding health and health related problems
- Daily maintenance of second and third level call referral.

#### Call Centre Reporting Format

Total number of calls till today	No: of calls on the date--/--2026	Total	Case follow up till today	Case reported on --/--2020	Total fever

### HR management

- Human resource management mostly happens at the district level but at any point if the district needs any additional support the needs can be communicated to the state.
- The team should have a thorough knowledge of all district HR distribution.
- The team should also communicate with the district regarding the optimum redistribution policies according to the needs.
- HR details of the isolation facilities should be managed and timely decisions at state level if necessary should be taken from the control room.
- The HR data of isolation facilities/nodal centres should be compiled on a daily basis and ensure there is no shortage in any category.

### Training and awareness generation

1. The district must provide timely training to all relevant groups, and the training data should be compiled and reported at the state level. The state team is responsible for developing training materials based on the requirements discussed during control room meetings. These materials should be reviewed and approved by a panel of experts before being distributed via the control room email ID to all concerned parties, including districts, agencies, professional associations (IMA, IAP), and other stakeholders.
2. Identify key target groups across both the government and private sectors.
3. Develop training modules tailored to each specific segment.
4. Prepare comprehensive training manuals for consistent guidance.
5. Disseminate the finalized IEC (Information, Education, Communication) materials, including audiovisual aids, to health workers, volunteers, the general public, and media personnel.
6. Prepare frequently asked questions (FAQs) along with clear answers for quick reference.
7. Conduct online or telephonic training sessions for district-level officers, health workers, and volunteers as needed.
8. Train call centre staff to ensure effective handling of public queries.
9. Establish a team of master trainers to lead and standardize training efforts.

10. Organize hands-on training and demonstration sessions to reinforce practical skills and knowledge.

**Training Monitoring Format**

Sl No	Segment	Subject	Place	Number of persons attended
	<b>Govt sector</b>			
	Doctors			
	Paramedical staff			
	Attendants			
	<b>Private sector</b>			
	Doctors			
	Paramedical Staff			
	Attendants			
	<b>Others</b>			
	ASHA			
	Line departments staff			
	LSGD representative s			
	Kudumbashre e			
	Anganwadi Teachers			
	Ambulance Drivers			

**Material management team**

Material management should be done at the institution level using all possible resources under the control of the superintendent; however, there might be a higher degree of needs arising in certain situations. The district and state has a mechanism of supporting these institutions according to the arising needs. The needs and activities should be compiled in the districts and coordinated with the state team/KMSCL. The state team is expected to compile the activities and challenges on a day-to-day basis and present at the control cell meeting, including the following details.

- **Key Responsibilities**

- The primary responsibilities of the material management team are:
- Prepare the list of items required at the Hospital for providing health care
- Monitor inventory position institution-wise
- Ensure the supply chain management of healthcare and other items required

**Infrastructure (isolation ward and facilities) management team**

- Identify an isolation place in each district for at least for 50 patients
- Ensure all the required things in the isolation ward of these facilities
- Set up a dedicated team in each district
- Train the dedicated team and other health functionaries
- Ensure that strict protocol of infection control is followed in each district
- Identify spatially all the field units fever clinics arrangements done in all districts
- Ensure and compile the referral of contacts from field/call centres /DISHA to isolation facilities in the district
- Verify and compile the needs of additional isolation place if the number is increasing in each district
- The data should be collected in the following format at the district level and compiled at the state level

**DATE**

**INSTITUTION**



Sl No	Indicator	Describe and give data
	Whether isolation ward identified and all required things are set up	
	Whether the specific teams have been identified and trained  Number of Doctors  Number of Paramedical staff  Number of Attendants	
	Whether stand by team identified and trained  Number of Doctors  Number of Paramedical Staff  Number of Attendants	
	Duty roster prepared	
	Whether all inventory is ensured	
	Number of beds	
	Number of Patients admitted and their details	
	Infection control measures taken  Details	
	Bio medical waste disposal mechanism from Isolation ward	
	Institution requirements details	

### **Media Surveillance team**

- Track print, TV, radio, and social media for pandemic-related updates, trends, and public reactions
- Identify false information, panic-inducing news, or misleading content circulating in public channels
- Flag potential issues or threats emerging from media coverage to the EOC for timely action
- Maintain daily logs of media reports, social media activity, and public reactions; compile summary reports
- Provide insights to the communication team to develop accurate, timely public messages and press releases
- Compile media surveillance reports at the district level.

### **Media Monitoring Reporting Format**

SL NO	Description	Details
	Whether any misinformation noticed	
	Misinformation noticed	
	Whether reported to take action and case booked details in brief	
	Cases booked today	
	Total cases Booked till today	

## **SAMPLE TRACING Team**

### Key Responsibilities

- Monitor samples sent to designated laboratories such as the National Institute of Virology (NIV), Pune, NIV Alappuzha, and other approved laboratories.
- Coordinate with Public Health laboratories and district surveillance units regarding sample submission.
- Assist districts in sample transportation, documentation, and reporting procedures.
- Ensure correct completion of laboratory requisition formats before dispatch.
- Track sample testing status and ensure timely receipt of reports.
- Inform relevant authorities regarding laboratory results.

### **Sample Monitoring Format**

DATE

SL NO	Description	Number	Results received	Positive
1	Total Sample Collected  Blood  Urine  Throat Swab			
2	Samples sent to PH lab  Blood  Urine  Throat swab			
3	Samples sent to Manipal Laboratory  Blood  Urine  Throat swab  CSF			
4	Samples sent to NIV Pune  Blood  Urine  Throat Swab  CSF			

## IEC/BCC and Media Management team

### Key Responsibilities

Develop and implement **Information, Education, and Communication (IEC) campaigns** tailored to pandemic response.

Design and disseminate **Behavior Change Communication (BCC) materials** targeting specific community groups.

Prepare **audiovisual aids, posters, pamphlets, social media content, and radio/TV messages** for public awareness.

Translate official guidelines and protocols into **local languages** for easier community understanding.

Coordinate with **district health authorities, Local Self Governments (LSGs), NGOs, and professional associations** for wide dissemination of materials.

Monitor **media coverage and public response** to information campaigns to assess effectiveness.

Conduct **media briefings and press releases** in coordination with the district communication officer.

### Media Review Format

Description	Date	Remarks
Press note		
Press brief		
Social media dissemination content		

### Documentation Team

#### Key Responsibilities

- Document all activities, meetings, decisions, and actions undertaken by the District EOC and pandemic response teams.
- Compile and submit regular situation reports summarizing cases, contacts, sample testing, hospital capacity, and field activities.
- Maintain logs of training sessions, IEC/BCC campaigns, call centre operations, and community outreach programs.

### Private hospital surveillance team

- Gather and consolidate information on patients attending private hospitals.

- Detect suspected cases or contacts that may not have been captured by the public health system.
- Ensure effective coordination and communication with private hospital associations.
- Incorporate private hospital reports into the district-level surveillance system.

Description	Cumulative
Number of persons visited private hospitals	
Suspected cases/contacts identified from Jan 15 2020 onwards	

### **Transportation and Ambulance Management Team**

#### Key Responsibilities

- Maintain a ready and functional fleet of ambulances and emergency transport vehicles.
- Liaise with hospitals, PHCs, and CHCs, for patient transport and inter-facility referrals.
- Ensure rapid deployment of ambulances for suspected or confirmed cases requiring urgent medical attention.
- Monitor post-transport sanitisation of vehicles.

#### Transport Monitoring Format

SL No	Vehicle No	Place of departure	Date & time of Departure	Place of Arrival	Date & Time of Arrival	Details of Post Trip Sanitization

### **Inter departmental and coordination team**

Coordination among departments during a pandemic shall be ensured through regular review meetings convened by the LSGD President. These meetings will provide a structured platform for sharing situational updates, assessing resource availability, resolving operational gaps, and taking joint decisions to ensure a coordinated and timely response.

#### Key Responsibilities

Maintain coordination with departments such as:

- Local Self Government Department (LSGD)
- Animal Husbandry
- Agriculture
- Forest
- Tribal
- Education
- Food Safety
- Tourism
- Social Justice
- Police
- Labour Department
- MVD
- Drug Controller
- Water Authority
- Revenue
- Kudumbashree Mission
- Suchitwa Mission

### **Community level volunteer coordination team**

#### Key Responsibilities

- Identify, register, and deploy community volunteers to support pandemic response activities.
- Assign volunteers to specific tasks such as screening, contact tracing, awareness campaigns, or logistical support.
- Organize training sessions for volunteers on health protocols, safety measures, and community engagement.
- Help deliver essential services, medicines, food, and welfare schemes to the elderly, disabled, and other vulnerable groups.

#### Reporting Format

<b>SI No</b>	<b>Description</b>	<b>Details</b>
1	Number of Contacts under Home Quarantine	
2	Number of Kits prepared and provided to Homes where contact is quarantine	
3	Kits stock	
4	Kits distribution	
5	Kits balance	

### **Psychological support team**

#### Key Responsibilities

- Offer psychological counseling and support to patients, families, frontline workers, and the general public affected.
- Operate mental health helplines and tele-counseling services for immediate assistance.
- provide stress management, coping strategies, and resilience-building programs for health staff and volunteers.
- Conduct awareness campaigns on mental health, coping mechanisms, and available support services.
- Encourage community engagement, self-care, and social support networks to reduce psychological stress during the pandemic.

#### Data Management Team

#### Key Responsibilities

- Gather data from multiple sources, including hospitals, testing labs, field surveillance teams, and call centres.
- Ensure accurate, timely, and complete entry of all collected data into district and state-level systems.
- Consolidate information from different teams (Sample Tracing, Private Hospitals, Rapid Response, Call Centre, etc.) into a unified dashboard.
- Generate daily, weekly, and ad hoc reports for the District EOC, state health authorities, and other stakeholders.
- Ensure confidentiality and integrity of patient information and sensitive health data.

## Finance and Budgeting Team

### Key Responsibilities

- Prepare and manage budgets for all district-level pandemic response activities, including health, logistics, and community interventions.
- Coordinate financial approvals and administrative sanctions.
- Ensure timely release of funds to avoid delays in pandemic response activities.

### District Pandemic Response Teams

Sl no	Name of team	Team Leader	Members
	Over all coordination	DMO	DSO, Dy DMOs, DPM, Programme officers
1	Surveillance team	DSO	PIED Cell, IDSP Team,
2	Call Centre management team	Dy DMO	Mass Media, Call centre staff
3	HR management	Dy DMO/ DPM	HR Cell
4	Training and awareness generation	RCH Officer	Mass Media wing
5	Material management team	Dy DMO	SVO, PSK, foreman Mechanic
6	Infrastructure (isolation ward and facilities) management team	Dy DMO	Biomedical Engineer, NHM Engineer
7	Sample Tracing team	Dy DMO	TA, DLO, Foreman Mechanic
8	Media Surveillance team	DEMO	Mass media wing
9	IEC/BCC and Media Management team	DEMO	Mass Media wing
10	Documentation team	DEMO	Mass Media wing , statical Assistance
11	Private hospital surveillance team	DSO	TA
12	Expert study coordination team	DSO	PIED Cell
13	Transportation and ambulance management team	Dy DMO	Foreman Mechanic

14	Inter departmental and coordination team	Dy DMO	TA, Mass Media
15	Community level volunteer coordination team	DSO	TA
16	Psychological support team	DMHP Nodal Officer	DMHP Team
17	Data Compilation	DSO	Statistical Assistant, Mass Media , TA, IDSP Team
18	Budget and financing	Dy DMO/DPM	AA, Account Officer NHM

### **Daily Monitoring Indicators**

To ensure timely decision-making and effective response, the following key indicators shall be monitored and updated on a daily basis by the Pandemic Control Room:

#### **1.Epidemiological Indicators:**

New cases reported today, Total active cases, Test Positivity Rate (TPR), Case Fatality Rate (CFR)

#### **2.. Surveillance Indicators:**

Persons under home quarantine, High-risk contacts identified, Fever, ILI, SARI or other symptoms (syndromic surges), Travellers (symptomatic or high-risk arrivals),Animal husbandry surveillance (zoonotic alerts, unusual animal deaths, poultry/bird flu signals), Mortality surveillance (excess deaths, unexplained fatalities, verbal autopsy reports)

#### **3. Logistics and Infrastructure Indicators:**

Hospital / CFLTC beds occupied, Oxygen cylinders/concentrators available, Ambulances on standby

#### **5. Alert Findings**

The following table outlines category-specific trigger points (red flags) from surveillance indicators and corresponding immediate actions for the Pandemic Control Room. These enable rapid response to alert findings like testing anomalies, positive cases exceeding thresholds, clusters, and WGS reports.

Category	Trigger Point (Red Flag)	Immediate Action
Clusters	Geographical or facility-based: 5+ cases linked to one location (office, school, street).	Declare a micro-containment zone; perimeter control and active case finding.
Testing	Sudden drop in testing volume / delay in reporting / unusual testing trends	Review the sample collection process, address lab bottlenecks, deploy additional testing teams, and notify the District Lab.
Lab	Test Positivity rate increases	Increase testing sites in that ward.
Hospital	>80% Oxygen bed occupancy	Activate backup/CFLTC beds.
Travel	Cluster of cases from a single flight/train or high-risk arrival group.	Trace all passengers in adjacent seats; implement mandatory institutional quarantine.

Animal	Mass poultry/wildlife death or unusual sickness	Notify Animal Husbandry, sample the area, and dispatch RRT for environmental sampling and zoonotic check.
Mortality	Sudden spike in home deaths or brought-in-dead (BID) cases	Audit the deaths and Active Case Search drive
Additional investigations like Whole Genome Sequencing (WGS)	Detection of a Variant of Concern (VOC) or Variant of Interest (VOI)	Implement strict micro-containment; update clinical protocols to match variant severity.

## 2. Communication of Public Health Information

A Community Communication Hub shall be established to ensure timely, accurate, and consistent dissemination of information during a pandemic. The Hub will function under the coordination of Nodal officers of the control room and act as the nodal point for public communication, risk messaging, and community engagement. **It will support dissemination of official advisories, promote preventive behaviors, address rumors and misinformation, and ensure that messages reach all sections of the population through trusted local channels and leaders.**

Channel	Responsible Person
District-level announcement	District Collector
Social media	District Mass Media Wing
Local Cable TV/Radio	Public Relations Department (PRD) Officer

#### Key communicators

- All messages disseminated through the Hub shall align with advisories issued by the Health Department and District authorities.
- Community leaders shall be sensitized to support behavior change, reduce stigma, and counter misinformation.
- Special efforts shall be made to reach vulnerable and hard-to-reach populations using locally appropriate communication methods.

**Rumor Tracking:** A designated volunteer will monitor local social media/WhatsApp groups daily to identify misinformation and issue official clarifications via the Communication Hub.

### 3. Coordination with District/State Authorities & Other Organisations

Effective coordination with Block, District, and State authorities is essential to ensure timely reporting, technical guidance, and uninterrupted supply of essential resources during a pandemic. The LSG shall establish clear communication channels, designate responsible officers, and adhere to prescribed reporting timelines to support coordinated public health action and efficient resource mobilization.

Reporting Schedule and Protocols:

To Whom	What to Report	Frequency	Nodal Person
Directorate of Health Services	District Situation Report (cases, testing, beds, deaths)	Daily	DMO
State Surveillance Unit	Outbreaks/Clusters/Unusual Events (>5 cases in the same ward)	as early as possible	District Surveillance Officer
Animal Husbandry Department	Animal health events/Zoonotic alerts	As required	District Veterinary Officer
State Cell	Emergency alerts and inter-sectoral events	Immediate	District Collector

### Supply Chain Coordination

The LSG shall coordinate closely with Block, District, and State authorities (KMSCL) to ensure uninterrupted availability of essential goods, medical supplies, and logistics during a pandemic. Supply requirements shall be assessed regularly based on case load and communicated promptly to the appropriate authorities for timely replenishment.

#### Key Points:

- Maintain updated contact details of District and Block nodal officers for health logistics, oxygen supply, ambulances, and essential medicines.
- Submit timely indent requests for PPE, testing kits, medicines, oxygen, and other critical supplies through prescribed channels.
- Monitor stock levels at LSGD facilities, quarantine/isolation centres, and field teams through daily stock registers and dispensing logs to prevent shortages.
- Coordinate with District authorities, Karunya/Neethi medical shops, and local purchase committees for funds allocation and emergency procurement.
- Ensure regular monitoring of dispensing registers at all facilities to track usage, expiry, and pilferage—shortages being a perennial issue requiring proactive weekly audits.
- Activate surge procurement protocols during high caseloads, leveraging local purchase powers under LSGD funds alongside state supplies.

## Resource Inventory and Contacts

<b>Resource Category</b>	<b>Source (District/State/Private)</b>
<b>PPE Kits/Masks/Gloves</b>	KMSCL
<b>PPE Kits/Masks/Gloves</b>	KMSCL /Local Vendors
<b>Oxygen Cylinders/Concentrators</b>	KMSCL
<b>Medicines/Antivirals</b>	KMSCL
<b>Medicines/Antivirals</b>	Neethi Shops
<b>Test Kits (RTPCR/Rapid)</b>	KMSCL

### [Collaboration with NGOs, PPP, and CSR](#)

To augment government efforts during a pandemic, the LSG shall collaborate with NGOs, voluntary organisations, and private sector partners through public–private partnerships and Corporate Social Responsibility (CSR) initiatives, in coordination with District authorities.

### **Key Points:**

1. Engage NGOs and community-based organisations for community outreach, awareness, and support to vulnerable populations.

2. Leverage CSR support for procurement of medical equipment, PPE, oxygen concentrators, food kits, and sanitation materials, as permitted.
3. Ensure all collaborations align with government guidelines and are routed through approved administrative and financial procedures.
4. Maintain transparency and documentation for all external support received and utilised.

Organization	Type	Support Offered
Kerala Social Development Society	NGO	Yes
Peermade Development Society	NGO	Yes
Highrange Development Society	NGO	Yes
Painavu Development Society	NGO	Yes

### Interdepartmental Coordination

Coordination among departments during a pandemic shall be ensured through regular review meetings convened by the District President. These meetings will provide a structured platform for sharing situational updates, assessing resource availability, resolving operational gaps, and taking joint decisions to ensure a coordinated and timely response.

Department	Representative	Key Role
Health	DSO	Case management
Veterinary	DAHO	Animal surveillance
ICDS	Programme Officer	Nutrition support
Education	DD Education	School coordination
Police	District Police Chief	Containment enforcement
Water Authority	AE	Water supply
LSGD	Joint director Panchayath	Quarantine infrastructure

### PHASE 3 - Surge Capacity

Phase 3 is activated when there is a rapid increase in cases, high test positivity rates, or when existing health facilities and quarantine arrangements approach saturation. The focus of this phase is to expand isolation capacity, augment clinical care services, and mobilise additional resources through district and state support mechanisms.

#### Conversion of Community Facilities

To manage increased case load, the DISTRICT shall activate additional isolation facilities by repurposing identified community infrastructure such as community halls, auditoriums, schools, hostels, or other suitable buildings.

Name of facility	Facility Type	Surge Capacity (Beds)
Fortunater Mental Health Center, Kattappana	Mental Health Center	150
New man Indoor Stadium	Community Hall	200
Sheron Auditorium Thodupuzha	Industrial building	200
THQH Peerumade	THQH Hospital	54
THQH Adimali	THQH Hospital	100
Karuna Hospital Nedumkandam	Specialty Hospital	100
CHC Chithirapuram	CHC Conference Hall	30
CHC Vandiperiyar	NEW BLOCK, CHC	50 -150
ST. GEORGE'S H S S, Kallanickal	Higher Secondary School	100-150
Post Metric Hostel Sahyagiri Marayoor	Hostel	150 - 200
DH Idukki	District Hospital	150 -250

## Recovery and rehabilitation phase

The recovery and rehabilitation phase starts after the public health emergency is brought under control and disease spread is reduced. This stage focuses on restoring essential services, reducing long-term health and economic damage, and strengthening systems to handle future pandemics more effectively.

### 1.Recovery

Recovery means gradually returning communities and systems to normal while still maintaining public health precautions. It includes slowly removing emergency restrictions, reopening services, and restoring disrupted health and social systems. All recovery actions should be based on evidence, inclusive, and aligned with government guidelines to ensure long-term stability.

#### Damage and Impact Assessment

Before rebuilding begins, it is important to assess the overall damage caused by the pandemic. This includes understanding the effects on healthcare services, infrastructure, workforce, and patterns of illness and death. It also examines social and economic impacts like income loss, disruption of education, and food insecurity. The results help in planning and prioritizing recovery efforts effectively.

#### Restoration of Health Services

Recovery goes beyond emergency care and focuses on restoring regular health services. This includes reopening clinics, restarting vaccination programs, and ensuring people with chronic diseases such as diabetes and hypertension can access medicines and routine care.

#### Environmental Cleanup and Sanitation

After a crisis, the environment may pose health risks. Cleanup activities include removing waste, safely handling hazardous materials, and restoring water and sanitation systems. These steps are necessary to prevent outbreaks of waterborne and vector-borne diseases.

### 2.Rehabilitation

Rehabilitation focuses on long-term recovery of individuals and communities. It includes medical care for those with lasting health issues, nutritional support for vulnerable groups, and financial assistance for families affected by illness or loss of income. The goal is to help people return to normal life, including education and employment.

#### Physical and Livelihood Rehabilitation

People with long-term injuries may need physical therapy and assistive devices. At the same time, restoring livelihoods is essential. Supporting small businesses, informal workers, and skill development programs helps communities regain economic stability.

### **Psychosocial and Mental Health Support**

The emotional impact of a pandemic can last long after physical recovery. Providing mental health support, counseling, and psychological first aid helps people cope with stress, grief, and anxiety, and reduces long-term mental health issues.

### **Community Engagement and Confidence Building**

Successful recovery depends on public trust. Involving community leaders and maintaining clear communication helps rebuild confidence. Participation from local governments and organizations encourages people to follow health measures and support recovery efforts.

### **3. Vigilance and Disease Surveillance**

Continuous monitoring of diseases is important during recovery. Surveillance systems help detect new outbreaks, emerging variants, and unusual health trends. Strengthening laboratory systems and reporting mechanisms ensures timely action and better preparedness.

### **4. System Strengthening and Future Preparedness**

The final step of recovery focuses on improving systems to handle future crises more effectively.

#### **Documentation and After-Action Review (AAR)**

After the crisis, a detailed review should be conducted to evaluate what worked well and what did not. These lessons help improve future responses.

#### **Policy Revision and Health System Strengthening**

Recovery also involves updating policies, improving emergency plans, and investing in stronger healthcare infrastructure. This ensures better preparedness for future emergencies.

#### **Research**

Research during recovery helps understand the long-term effects of the pandemic. Studies on health, social, and economic impacts, as well as response strategies, provide valuable insights to improve future planning and decision-making.

## CONCLUSION

Pandemic preparedness at the district level is a collective responsibility that requires foresight, coordination, and sustained commitment. The experiences of recent health crises have highlighted the importance of rapid action, clear communication, and the integration of all departments and stakeholders in a unified response.

This plan provides a comprehensive framework for prevention, surveillance, containment, and care, tailored to the unique demographic, ecological, and socio-economic characteristics of our district. By outlining clear roles and responsibilities, establishing protocols, and emphasizing continuous monitoring and capacity-building, it ensures that our district is not only ready to respond to emergencies but also resilient in the long term.

However, a plan is only as effective as its implementation. Regular training, mock drills, community engagement, and iterative updates are essential to keep this preparedness dynamic and responsive to evolving threats.

Ultimately, the success of pandemic preparedness lies in the collaboration between government agencies, health professionals, local institutions, and citizens. Together, we can safeguard public health, minimize disruption, and ensure a safer, healthier future for all residents of our district

## **RECOMMENDATIONS**

### **Strengthening Healthcare Infrastructure**

- Establish a primary health response unit within the Panchayat with trained staff.
- Ensure availability of basic medical supplies (masks, sanitizers, PPE kits, oxygen cylinders).
- Create tie-ups with nearby hospitals for emergency referral and transport.

### **Community Awareness & Education**

- Conduct regular awareness campaigns on hygiene, vaccination, and preventive measures.
- Use local communication channels (community radio, WhatsApp groups, notice boards) to spread verified information.
- Train volunteers to act as health ambassadors in each ward.

### **Emergency Response & Coordination**

- Form a Pandemic Preparedness Committee at Panchayat level including health workers, ward members, and NGOs.
- Develop a clear action plan for lockdowns, quarantine, and distribution of essentials.
- Maintain a database of vulnerable groups (elderly, differently-abled, chronically ill) for targeted support.

### **Supply Chain & Food Security**

- Identify and support local suppliers and farmers to ensure uninterrupted food supply.
- Create community kitchens during emergencies to serve vulnerable populations.
- Stockpile essential commodities in Panchayat-run outlets for crisis periods.

### **Digital Preparedness**

- Promote digital platforms for telemedicine consultations.
- Use Panchayat's website/social media for real-time updates on health advisories.
- Encourage online grievance redressal to reduce crowding in offices.

## **Training & Capacity Building**

- Organize mock drills for pandemic response in schools, offices, and public spaces.
- Train Panchayat staff and volunteers in first aid, infection control, and crowd management.
- Collaborate with NGOs and health departments for capacity-building workshops.

## **Long-Term Resilience**

- Integrate pandemic preparedness into the Panchayat Development Plan.
- Allocate a dedicated budget for health emergencies.
- Encourage community participation in planning and monitoring preparedness measures.

## MOCKDRILL SCENARIOS

A mock drill is a planned and structured exercise conducted to simulate emergency situations and test the preparedness and response mechanisms of various departments and stakeholders. It provides an opportunity to practice roles, responsibilities, and standard operating procedures in a controlled environment without the risks associated with real emergencies.

### Mock Drill Scenario 1

#### 1. Disease Type

H1N1 Influenza – Acute viral respiratory infection with **high person-to-person transmissibility** and potential for rapid spread.

#### 2. Scenario Description / Trigger

A cluster of patients with **high fever, severe cough, body ache, and breathlessness** is reported from multiple wards. Several cases require hospitalization, and a few develop **severe acute respiratory infection (SARI)**.

Laboratory confirmation identifies **H1N1 infection**, and the number of cases begins to rise steadily over a few days. Increased hospital admissions and **ICU demand** indicate a potentially severe outbreak. Fear and misinformation start spreading among the public.

#### 3. Objectives of the Mock Drill

- To assess **pandemic response preparedness**
- To evaluate **hospital surge capacity and ICU readiness**
- To test **infection control and isolation protocols**
- To assess **risk communication and panic management**

#### 4. Response Actions

##### a. Surveillance & Early Detection

- Strengthen **ILI/SARI surveillance** across all health facilities
- Immediate notification through **IDSP system**
- Active case search in affected areas

##### b. Case Management

- Establish **separate flu clinics/fever clinics**
- Categorize patients (mild, moderate, severe)
- Ensure availability of **antiviral drugs (e.g., Oseltamivir)**
- Provide **oxygen therapy and ICU care** for severe cases
- Strengthen referral linkages to district hospitals

#### **c. Infection Prevention & Control (IPC)**

- Mandatory **mask usage in public places**
- Isolation of confirmed cases
- Strict hospital infection control practices
- Ensure adequate **PPE kits for healthcare workers**

#### **d. Community-Level Measures**

- Avoid large gatherings and public events
- Promote **respiratory hygiene and hand washing**
- Encourage early reporting of symptoms
- Protect high-risk groups (elderly, comorbid patients, children)

#### **e. Interdepartmental Coordination**

- Health Department: Lead outbreak response
- LSGD: Arrange quarantine/isolation facilities
- Education: Temporary school closure if needed
- Police: Enforce restrictions and crowd control
- ICDS: Monitor vulnerable populations

#### **f. Risk Communication**

- Daily press briefings to prevent panic
- Disseminate verified information through media
- Counter misinformation and rumors

### **5. Logistics & Resource Mobilisation**

- Increase **hospital bed capacity and ICU beds**
- Ensure supply of **oxygen, ventilators, PPE, and antivirals**
- Deploy additional healthcare personnel
- Activate **emergency control room at block level**

### **6. Evaluation Criteria**

<b>Component</b>	<b>Indicator</b>
Surveillance	Early detection and reporting efficiency
Case Management	Availability of ICU beds, oxygen, and antivirals
Response Time	Speed of activation of the response system
IPC	Proper use of PPE and isolation
Coordination	Multi-department response effectiveness
Communication	Public awareness and panic control

## 7. Checklist for Mock Drill

- ✓ Cluster of respiratory cases identified
- ✓ Laboratory confirmation obtained
- ✓ Fever clinics activated
- ✓ Isolation wards functional
- ✓ Antiviral drugs available
- ✓ ICU/oxygen support ensured
- ✓ PPE distributed to staff
- ✓ Public advisory issued
- ✓ Interdepartmental coordination activated

## 8. Expected Outcome

The drill should demonstrate the ability of the health system to **manage a rapidly spreading respiratory pandemic**, ensure adequate clinical care, and prevent panic through effective communication and coordination.

### Mock Drill Scenario 2

#### 1. Disaster Type

**Landslide – Extreme Monsoon Event** – A natural disaster triggered by intense and prolonged rainfall leading to slope failure, causing destruction of houses, roads, and infrastructure, along with loss of life and displacement of people.

## **2. Scenario Description / Trigger**

Following continuous heavy rainfall over several days, multiple wards report **landslides and soil erosion**. Houses located in hilly and vulnerable areas collapse, trapping residents under debris. Roads become blocked, cutting off access to affected areas.

Several people sustain injuries, and some are reported missing. Displaced families are moved to temporary relief camps. Disruption of water supply, electricity, and sanitation increases the risk of **waterborne diseases**. Panic and confusion spread among the public due to ongoing rainfall and fear of further landslides.

## **3. Objectives of the Mock Drill**

- To assess disaster preparedness and emergency response mechanisms
- To evaluate search, rescue, and evacuation efficiency
- To test coordination between multiple departments
- To assess relief camp management and public safety measures

## **4. Response Actions**

### **a. Early Warning & Surveillance**

- Monitor rainfall data and landslide-prone areas
- Issue alerts through disaster management systems
- Identify vulnerable zones and initiate evacuation
- Continuous monitoring of weather updates

### **b. Search, Rescue & Evacuation**

- Deploy fire force, NDRF, and local rescue teams
- Use machinery for debris removal
- Evacuate affected populations to safe shelters
- Provide first aid and immediate medical support

### **c. Medical & Public Health Response**

- Set up emergency medical camps in affected areas
- Provide treatment for injuries and trauma
- Ensure safe drinking water and sanitation

- Monitor for outbreaks of communicable diseases
- Provide psychological support to affected families

#### **d. Relief Camp Management**

- Establish temporary shelters with basic facilities
- Ensure food, water, clothing, and sanitation
- Maintain hygiene and waste management
- Special care for vulnerable groups (children, elderly, disabled)

#### **e. Infrastructure & Essential Services**

- Clear blocked roads and restore transportation
- Restore electricity and communication networks
- Arrange temporary water supply systems
- Assess structural damage to buildings

#### **f. Interdepartmental Coordination**

- Disaster Management Authority: Lead coordination
- Health Department: Medical response and disease surveillance
- LSGD: Relief camp management and sanitation
- Police: Security and crowd control
- Fire & Rescue Services: Search and rescue operations
- Public Works Department: Road clearance and infrastructure repair

#### **g. Risk Communication**

- Issue timely warnings and safety instructions
- Inform public about evacuation routes and shelters
- Counter rumors and misinformation
- Provide helpline numbers for assistance

### **5. Logistics & Resource Mobilisation**

- Arrange rescue equipment and emergency tools
- Ensure availability of ambulances and medical supplies
- Stock food, water, and essential relief materials
- Deploy trained personnel and volunteers
- Activate emergency control room at block level

### 6. Evaluation Criteria

<b>Component</b>	<b>Indicator</b>
Early Warning	Timely alerts and evacuation
Rescue	Efficiency of search and rescue operations
Medical Response	Availability of emergency care
Relief Management	Quality of shelter, food, and sanitation
Coordination	Effectiveness of interdepartmental response
Communication	Public awareness and panic control

## **7. Checklist for Mock Drill**

- Landslide occurrence identified
- early warning issued
- Evacuation completed
- Rescue teams deployed
- Relief camps established
- Medical aid provided
- Essential supplies distributed

## **8. Expected Outcome**

The drill should demonstrate the ability of the system to respond effectively to a landslide disaster by ensuring rapid rescue, safe evacuation, proper relief management, and restoration of essential services, while minimizing loss of life and preventing secondary public health risks.

### **Communication**

During mock drills, effective communication is essential for ensuring timely information sharing, smooth coordination among response teams, and enhancing community awareness.

## Communication Strategies

- **Ward level RRTs, Grama sabhas and Vulnerability groups** have active participation in preparing and executing the pandemic plan (to identify unique issues, prevention, preparedness, response, recovery).
- **Local community leaders** actively participate in public awareness campaigns and emergency response efforts to build trust and enhance community engagement.
- **Designated and specially trained members** of vulnerable communities will assist in detecting suspected cases and provide early alerts to authorities
- **Multilingual workers** will facilitate communication with migrant workers and linguistically diverse populations.
- **NGOs and Resident Associations** will support public awareness campaigns, help mobilize resources, and provide assistance to the community.
- **A simple reporting mechanism for the public** will be promoted using platforms such as the Integrated Health Information Platform (IHIP) or mobile applications, enabling quick reporting through messages or snapshot-based alerts.
- **Home isolation monitoring teams** consisting of trained community volunteers will support health workers in monitoring individuals under home isolation.

## Benefits

- **Early Awareness and Risk Understanding-** Helps communities quickly understand emerging health threats, symptoms, and preventive measures, enabling early action.
- **Improved Trust and Credibility-** Information delivered through local leaders, health workers, and community groups is more trusted and culturally accepted.
- **Enhanced Surveillance and Reporting-** Community members can promptly report symptoms, unusual illnesses, or outbreaks, strengthening early detection systems.
- **Better Coordination with Local Systems-** Strengthens linkage between communities and local governance bodies, health institutions, and emergency response teams.

## Pandemic Preparedness Capacity Building & Training Plan

Pandemics pose serious threats to public health, safety, and livelihoods, and effective preparedness at the district level requires skilled human resources across sectors, capacity building, and coordinated efforts to ensure timely containment and response

### Objectives of Capacity Building

- Strengthen readiness of health and allied sectors.
- Improve early detection, reporting, and response.
- Ensure inter-departmental coordination.
- Protect frontline workers and the community.
- Maintain essential services during pandemics.

## **Target Groups for Training**

### Health Sector (Government & Private)

- Doctors (all specialties)
- Nurses & paramedical staff
- Laboratory technicians
- Public health staff
- ASHA workers & JPHNs
- Private hospital staff

### Police & Emergency Services

- Kerala Police & Traffic Police
- Home Guards
- Fire & Rescue Services
- Ambulance drivers & EMTs
- Roles: crowd control, quarantine enforcement, emergency response

## **Local Administration & Governance**

- District administration
- Municipalities & Panchayats
- Revenue Department
- Public Works Department
- Roles: logistics, containment zones, essential services

## **Education & Community Groups**

- School & college teachers
- Students & NSS/NCC volunteers
- Kudumbashree units
- Community-based organizations
- Religious & community leaders

## **Modes and Methods of Training**

### Modes of Training

- Classroom/workshop-based training
- On-site/hands-on training
- Online & virtual training modules
- Simulation exercises & mock drills
- Peer learning & cascade training
- Awareness campaigns
- Online media and social groups

## **Training Methods**

- Lectures & interactive sessions
- Demonstrations & skill stations
- Case studies & role plays
- Table-top exercises
- IEC material & SOP dissemination

## **Key Training Topics**

### General Topics

- Disease surveillance & reporting
- Infection prevention & control (IPC)
- Use of personal protective equipment (PPE)
- Sample collection & transport
- Risk communication & community engagement

### **Advanced & Sector-Specific Topics**

- Hospital surge capacity management
- Quarantine & isolation management
- Psychosocial care & stress management
- Waste management during pandemics
- Law & order and ethical issues

## **Institutional & Resource Support**

- District Medical Office
- Kerala Health Services
- State Disaster Management Authority
- Medical colleges & training institutes
  
- Police Training College

## **Monitoring & Evaluation**

- Pre- and post-training assessment
- Feedback mechanisms
- Periodic refresher trainings
- Mock drill evaluations
- Documentation & reporting

## Training Schedule (by Quarter)

	Jan-Mar	Apr-Jun	Jul-Sept	Oct-Dec
Climate events	Cool	Hot	Rainy, Flood	Cold
Disease events	ILI	Heat Related Illness , Hep A, Dengue	Leptospirosis	Influenza, ILI)
Training for HCWs	ILI detection and management	Training on HRI management, Prevention and control of CDs	Sensitization on early detection and case reporting	Refresher Training
Training for Public	Awareness campaigns on flu prevention	Public awareness on heat safety, hygiene	Community campaigns	Strengthen IEC/BCC activities
Monitoring & E	Monitor cases, trends	ILI report hygiene compliance	Track HRI cases, Monitor reported cases, strengthen surveillance	Symptoms surveillance

## Expected Outcomes

- Improved district-level preparedness
- Skilled and confident workforce
- Effective inter-sectoral coordination
- Reduced morbidity and mortality

## ANNEXURE

### 1.IMPORTANT CONTACTS

#### 1.1 DETAILS OF LSGD

SL NO	NAME OF LSG	NAME OF PRESIDENT
1	KANJIKUZHY	KOMALAM MOHANDAS
2	VATHIKUDY	VINOD JOSEPH
3	VAZHATHOPE	ANCY THOMAS
4	ARAKKULAM	USHA GOPINATH
5	KAMAKSHY	BIJU T NEDUMCHERIYIL
6	MARIYAPURAM	JIPSY JOSEPH
7	UPPUTHARA	SHEELA RAJAN
8	VANDANMEDU	SUSAN JACOB
9	KANCHIYAR	SELIN THOMAS
10	CHEMPAKAPARA	REJANI K A
11	CHAKKUPALLAM	REJIMOL SHIBI
12	AYYAPPANCOVIL	THAMPI N
13	VANDIPERIYAR	SANTHI HARIDAS
14	KUMILY	M M VARGHEESE
15	KOKKAYAR	G SUGUNAN
16	PEERMADE	SANTHI RAMESH
17	PERUVANTHANAM	K R VIJAYAN
18	ELAPPARA	O M UMER FAROOQ
19	VELLIYAMATTOM	AMBILY AJAYAKUMAR
20	ALAKKODE	THOMAS MATHEW KAKKUZHI
21	KARIMANNOOR	JINS JOHN
22	UDUMBANNOOR	JIJI SURENDRAN
23	KUDAYATHOOR	PUSHPA VIJAYAN
24	KODIKULAM	ANU GIJO
25	VANNAPPURAM	JOSEPH ARACKATHOTTAM
26	RAJAKKAD	KINGINI RAJENDRAN
27	RAJAKUMARY	EESHWARAN
28	SENAPATHY	ARUN ASHOKAN
29	KARUNAPURAM	VS BINU
30	UDUMBANCHOLA	NAGAJYOTGHI
31	PAMPADUMPARA	RUBY
32	NEDUMKANDAM	SHIHAB EETTICKAL
33	MARAYOOR	JOMON THOMAS
34	MUNNAR	S VIJAYAKUMAR
35	VATTAVADA	SURYA RAJ
36	CHINNAKANAL	NISHA SABU
37	SANTHANPARA	JISHA DILEEP
38	KANTHALLOOR	SIVAN RAJ
39	EDAMALAKUDY	BINU M
40	MANKULAM	SAJU JOSE
41	DEVIKULAM	SARANYA K

SL NO	NAME OF LSG	NAME OF PRESIDENT
42	PURAPUZHA	BIBITHA RAVI
43	MANAKKAD	VALSA JOHN
44	KARIMKUNNAM	SHYNI JOHN
45	KUMARAMANGALAM	JOBIMATHEW
46	EDAVETTY	MUHAMMED AMEER
47	MUTTOM	TESSY SATHEESH
48	PALLIVASAL	MAYA SHAJU
49	ADIMALY	BABU KURIAKOSE
50	KONNATHADY	CK PRASAD
51	VELLATHOOVAL	GEORGE THOMAS
52	BAISONVALLEY	Shalumol Sabu
1	THODUPUZHA MUNICIPALITY	SAABIRA JALEEL (CHAIRPERSON)
2	KATTAPPANA MUNICIPALITY	JOY VETTIKUZHI

### 1.2 Emergency Contact Numbers Of District Officials

Department	Name of the Officer	Contact Details
Department of Revenue & Disaster Management	Deputy Collector	04862 233056, 232288
Fire & Rescue	Assistant Divisional Officer	04862 236100
Police	Superintendent of Police	04862 233006, 233004
Health	District Medical Office	08462 233030
Water Authority	Executive Engineer	04862 291282
Supply Officer	District Supply Officer	04862 232321
Animal Husbandry Department	Animal Husbandry Officer	04862 222894
Kerala State Electricity Board	Chief Engineer	04868 223353
Agriculture	The Principal Agricultural Officer	04862 222428
Fisheries	Assistant Director	04862-233226
Forest Department	DFO	04865- 264237
Tribal Department	District project officer	04862-222399

### 1.3 GRAMAPANCHYATHS IN IDUKKI

<b>Sl.NO</b>	<b>Panchayath</b>	<b>Ph.No Office</b>
1	Adimali	4864222160
2	Konnathady	4868262347
3	Bisunvally	4865265264
4	Vallathooval	4864276222
5	Pallivasal	4865263239
6	Marayoor	4865252316
7	Munnar	4865230322
8	Kanthalloor	4865246208
9	Edamalkudy	04865-264400
10	Vattavada	4865214054
11	Santhanpara	4868247230
12	Chinnakanal	4868249343
13	Mankulam	4864218104
14	Devikulam	4865242573
15	pampadumpara	468236262
16	Senapathy	468245241
17	Karunapuram	468236207
18	Rajakad	468242343
19	Nedukandam	468232038
20	Udumpancholla	468237360
21	Rajakumari	468243248
22	Vannapuram	4862245339
23	Udumpanoor	4862272041
24	Kodikulam	4862264321
25	Allakode	4862276246
26	Velliyamattom	4862276226
27	Karimanoor	4862262221
28	Kudayathoor	4862255069
29	Idukki- Kanjikuzhi	462239210
30	Vathikudy	4868263231
31	Arakulam	4862252030
32	Kamakshy	4868275250
33	Vazhathope	4862235627
34	Mariyapuram	4862235645
35	Upputhara	4869244241
36	Vandanmedu	4868277028
37	Kanchiyar	4868271211
38	Erattayar	4868276005

39	Ayyappancoil	4869244304
40	Chakkupallam	4868282229
41	Kumaramangalam	4862200687
42	Muttom	4862255022
43	Edavetty	4862223809
44	Karikunnam	4862242322
45	Manakkad	4862202248
46	Purapuzha	4862273049
47	peruvanthanam	4869280330
48	Kumily	4869222035
49	Kokkayar	4828284148
50	Peermade	4869232038
51	Elappara	4869242244
52	Vandiperiyar	4869252258
Municipality		
1	Kattappana	4868272235
2	Thodupuzha	04862 223408

### 1.5 LIST OF SCHOOLS IN IDUKKI DISTRICT

Sl. No	Name of School	Address with Pincode	HS/HSS/VHS S/ HSS&VHSS/ TTI
1	GHSAdimaly	Adimaly-685561	HS
2	GVHSDeviyarcology	Valara.P.O.,Adimaly,685561	VHSS
3	MachiplavuGHS	Machiplavu.P.O.685561	HS
4	GHSMannankandam	Koragatty.P.O.685561	HS
5	GHSMuniyara	Muniyara.P.O.685564	HS
6	AdimalyS.N.D.P.H.S.S	Adimaly-685561	HSS
7	KoompanparaF.M.H.S.S	Koompanpara.P.O.,685581	HSS
8	AdimalyS.V.V.E.M.H.S	Adimaly-685561	HS
9	IrumpupalamGLPS	Valara.P.O.685561	LPS
10	PazhampillichalGLPS	PadAidedidedp.P.O.685561	LPS
11	PettimudyGLPS	Vattayar.P.O.685611	LPS
12	ChenduvarraiHSS	S.P.Puram.P.O.,685617	HSS
13	DevikulamHSS	Devikulam.P.O.,685613	HSS
14	GuderalHS	Munnar.P.O ,685 612	HS
15	SothuparaiHS	Munnar.P.O.,685612	HS
16	YellpattyGHS	Yellappetty.P.O.685615	HS
17	EdamalakudyTLPS	Munnar.P.O.685612	LP
18	KanthalloorSHHS	Kanthallor.P.O.,685620	HS
19	PIUSNagarSPUPS	Marayoor-685 620	UP

<b>Sl. No</b>	<b>Name of School</b>	<b>Address with Pincode</b>	<b>HS/HSS/VHS S/ HSS&amp;VHSS/ TTI</b>
20	ChampakadGTLPS	Marayoor.p.o.685620	LP
21	KanthalloorALPS	Kanthalloor.P.O.685620	LP
22	KanthalloorMCLPS	Kanthalloor.P.O.685621	LP
23	PIUSNagarSPLPS	Marayoor.P.O.685620	LP
24	GHSMukkudam	Mukkudam.P.O.685562	HS
25	GHSSPanickankudy	Panickankudy.P.O,685564	HSS
26	Parathodu S.G.H.SS	Parathodu idukki -685 571	HSS
27	PonmudiS.M.H.S	Konnathady-685563	HS
28	KonnathadyPUPS(PanchayathSch	Konnathady.P.O.685563	UPS
29	MankuvaSTUPS	Mankuva.P.O.685604	UPS
30	PanamkuttysJUPS	Panamkuttys.P.O.685562	UPS
31	KonnathadyGLPS	Konnathady.P.O.685561	LPS
32	MullarikkudyGLPS	Mullarikkudy.p.o685564,Adimali	LPS
33	MuthirapuzhaGLPS	Mukkudam.P.O.685562	LPS
34	MukkudamVLPS	Mukkudam.p.o.685562	LPS
35	ParathodeSGLPS	Konnathady.P.O.685571	LPS
36	MichalgeriSMLPS	Marayoor-685 620	LP
37	MunnarMRS	Munnar.P.O.685612	HS
38	MunnarVHSS&TTI	Munnar.P.O.685612	VHSS&TTI
39	VaguvaraiHS	Thalayar.P.O.,685614	HS
40	MunnarLFGHS	Munnar.P.O.,685612	HS
41	KannimallayUPS	Munnar.P.O.685612	UP
42	Letchmi UPS	Munnar.P.O,pin-685612	UP
43	KorandakkadVUPS	Mattupetty.P.O.685616	UP
44	ChikkanamkudyLPS	Mankulam.P.O., 685565	LP
45	DevikulamLPS	Devikulam.P.O.685613	LP
46	Munnar ATPS	Munnar.P.O.685612	LP
47	MunnarLPS	Munnar.P.O.685612	LP
48	ThalayarLPS	Thalayar.P.O.685614	LP
49	ArivikadALPS	Mattupetty.P.O.685612	LP
50	ChittavurraialPS	Yellappetty. P.O.685615	LP
51	ChockanadALPS	Munnar.P.O.685612	LP
52	ChenduvaraiALPS	S.P.Puram.P.O.685617	LP
53	DevikulamALPS	Devikulam.P.O.685613	LP
54	GrahamslandALPS	Munnar.P.O.685612	LP
55	GuderleALPS	Munnar.P.O.685612	LP
56	GundumallayALPS	Mattupetty.P.O.685612	LP
57	KadalaarALPS	Munnar.P.O.685612	LP
58	KallarALPS	Munnar.P.O.685612	LP
59	KannimallayALPS	Munnar.P.O.685612	LP
60	KundalyALPS	S.P.Puram.P.O.685617	LP
61	LetchmiALPS	Munnar.P.O.685612	LP
62	LuckhamALPS	Thalayar.P.O.685614	LP

Sl. No	Name of School	Address with Pincode	HS/HSS/VHS S/ HSS&VHSS/ TTI
63	MadupettyALPS	Mattupetty.P.O.685616	LP
64	NadiarALPS	Munnar.P.O.685612	LP
65	NettigudiALPS	Munnar.P.O.685612	LP
66	NyamakadALPS	Munnar.P.O.685612	LP
67	PeriavurraiALPS	Munnar.P.O.685612	LP
68	Rajamallay ALPS	Munnar.P.O.685612	LP
69	SevenmallayALPS	Munnar.P.O.685612	LP
70	SilentvallyALPS	Munnar.P.O.685612	LP
71	SothuparaiALPS	Munnar.P.O.685612	LP
72	ThenmalaiALPS	Munnar.P.O.685612	LP
73	YellapettyALPS	Yellapetty. P.O.685615	LP
74	LionsEnglishMediumSchool,Munnar	OldMunnar,NearKSRTCDepot,685612	LP
75	GHSChithirapuram	Chithirapuram.P.O.685565	HS
76	GVHSSKunchithanny	Kunchithanny.P.O.685565	VHSS
77	KallarVattayarGHS	Vattiyar.P.O.685611	HS
78	PallivasalALPS	Munnar.P.O.685612	LP
79	PathinaramkandamHSS	Rajamudy.P.O.,685602	HSS
80	PerinchankuttyHS	Chempakappara.P.O.685510	HS
81	ThopramkudyHSS	Thopramkudy.P.O.685515	HSS
82	MurikkasserySMHSS	Murickassery.P.O.685604	HSS
83	BethelSJUPS	Bethel.P.O.685510	UPS
84	Killiyarkandam HF UPS	Perumthotty.P.O.685515	UPS
85	PadamughomSHUPS	Padamugham PO.685604	UPS
86	KiliyarkandamLPS	Prakash.P.O.685515	LPS
87	ChempakapparaSMLPS	Chempakappara.P.O.685604	LPS
88	MuricksserySM LPS	Murickassery.P.O.685604	LPS
89	PoomankandamCRLPS	Rajapuram.P.O.685604	LPS
90	RajamudyCKLPS	Rajamudy.P.O.,685604	LPS
91	ThopramkudySMG LPS	Thopramkudy.P.O.685515	LPS
92	Mankulam S.M.H.S	Mankulam,685565	HS
93	VattavadaGHSS	Koviloor.P.O.,Oorkad,685615	HSS
94	VattavadaKEHS	Koviloor.P.O.,Oorkad,685615	HS
95	PazhathottamLPS	Koviloor.P.O.,685612	LP
96	GHSKallarkutty	Kallarkutty.P.O.,685562	HS
97	GHSSVellathooval	Vellathooval.P.O,685563	HSS
98	MankadavuCarmelMathaH.S	Mankadavu-685561	HS
99	ThokkuparaS.S.H.S	Thokkupara.P.O.,685 565	HS
100	Ayiramarcre UPS	Mannamkandam.P.O.685561	UPS
101	ThokkuparaUPS	Thokkupara. P.O.685565	UPS

<b>Sl. No</b>	<b>Name of School</b>	<b>Address with Pincode</b>	<b>HS/HSS/VHS S/ HSS&amp;VHSS/ TTI</b>
102	SelliyamparaSNVUPS	Selliyampara.P.O.685563	UPS
103	AnavirattyGLPS	Anaviratty.P.O.685561	LPS
104	KathipparaGLPS	Kathippara.P.O.	LPS
105	SengulamGLPS	Sengulam.P.O.685565	LPS
106	VellathoovalGLPS	Vellathooval.P.O.685563	LPS
107	EllakkalSALPS	Ellakkal.P.O.685565	LPS
108	KallarkuttySJLPS	Kallarkutty.P.O.685562	LPS
109	MankadavuSDLPS	Koompanpara.P.O.685561	LPS
110	SelliyamparaPMSLPS	Vellathooval.P.O.685563	LPS
111	THSAdimali	Adimaly-685561	HS
112	KalayanthaniS.G.H.S	Elamdesam.P.O.,685588	HS
113	ThalayanadMBUPS	Anchiry.P.O.,685585	UP
114	InchiyaniLPS	Kalayanthani.P.O., 685588	LPS
115	AlakodeIJLPS	Elamdesam.P.O.,685588	LPS
116	ChilavuSALPS	Chilavu.P.O.685588	LPS
117	IHEPH.S Kulamavu	Kulamavu.P.O.685601	HS
118	GVHSSMoolamattom	Moolamattom.P.O.,685589	VHSS
119	ArakulamS.M.H.S.S	Arakulam.P.O .,685591	HSS
120	MoolamattomSH.EM.HS.S	Moolamattom.P.O.,685589	HSS
121	MoolamattomIHEPUPS	Moolamattom.P.O.,685589	UP
122	PathippallyG.T.UPS	Pathippally.P.O.685589	UP
123	ArakulamS.T.UPS	Arakulam.P.O.685591	UP

<b>Sl. No</b>	<b>Name of School</b>	<b>Address with Pincode</b>	<b>HS/HSS/VHS S/ HSS&amp;VHSS/ TTI</b>
124	ElappallyC.M.S.UPS	Elappally-685589	UP
125	MoolamattomS.G.UPS	Moolamattom.P.O.,685589	UP
126	ArakulamS.C.V.L.P.S	Arakulam.P.O.685591	LPS
127	EdattumalaL.P.S	Mooamattom685589	LPS
128	ElappallyL.P.S	Elappally-685589	LPS
129	KulamavuIHEPLPS	Kulamavu.P.O.685601	LPS
130	KanjarS.J.LPS	Kanjar.P.O.685592	LPS
131	Kannickal C.M.S.LPS	Moolamattom.P.O.685589	LPS
132	ThondikuzhaUPS	Muthalakodam.P.O.,685605	UP
133	KallanikalSGUPS	Thekubhagam.P.O.,685585	UP
134	MeenmuttyMMUPS	Kalayanthani.P.O., 685588	UP
135	EdavettyLPS	Edavetty.P.O.,685588	LPS
136	GHSKanjikuzhy	Chelachuvadu-685602	HS
137	GHSPazhayarikadom	Pazhayarikadom-685602	HS
138	NankicityS.N.H&V.H.S.S	Idukkikanjikuzhy-685 602	HSS&VHSS
139	PunnayarS.T.H.S	Kanjikuzhy - 685602	HS
140	VenmonyS.G.UPS	Venmony.P.O.,685606	UP
141	ChurulyS.N.UPS	Chelachuvadu-685602	UPS
142	KanjikuzhyS.M.UPS	Kanjikuzhy.P.O.685606	UPS
143	NankicityS.N.UPS	Kanjikuzhy.P.O.685606	UPS
144	VenmonyS.N.LPS	Venmony.P.O.,685606	LPS
145	ChelachuvaduGL.P.S	Chelachuvadu-685602	LPS

<b>Sl. No</b>	<b>Name of School</b>	<b>Address with Pincode</b>	<b>HS/HSS/VHS S/ HSS&amp;VHSS/ TTI</b>
146	KanjikuzhyGL.P.S	Chelachuvadu-685602	LPS
147	KeerithoduGL.P.S	Keerithodu.P.O.,685606	LPS
148	NankiGLPS	Kanjikuzhy - 685602	LPS
149	ThattekkannyG.LPS	Thattekkanny.P.O.,685602	LPS
150	MakkuvallyS.N.LPS	Maniyarankudy-685602	LPS
151	MazhuvadyT.LPS	Alpara.p.o-685606	LPS
152	St.Mary'sEnglishMediumLPSchoolKanjikuzhy	KanjikkuzhyP.O,KanjikkuzhyPin 685606	LP
153	KallanickalS.G.H.S	Thekkumbhagam-685585	HS
154	KarimannoorS.J.H.S.S	Karimannoor.P.O.,685 581	HSS
155	NeyyasseryS.S.H.S	Neyyassery.P.O.,685581	HS
156	KarimannoorUPS	Karimannoor.P.O.,685 581	UP
157	Chalassery VJUPS	EzhumattomP.O-685605	UP
158	MulappuramTCMMUPS	Mulappuram.P.O.685581	UP
159	Pannoor NSSUPS	Pannoor.P.O.,685581	UP
160	EzhumuttamSMLPS	Ezhumattam.P.O.685605	LPS
161	KarimannoorHFLPS	Karimannoor.P.O.,685 581	LPS
162	NeyyasserySNCMLPS	Neyyassery.P.O.,685581	LPS
163	PallickamuryLFLPS	Karimannoor.P.O.,685 581	LPS
164	ThommankuthuSJLPS	Thommankuthu.P.O.,685581	LPS
165	GHSWestkodikulam	WestKodikulam-685582	HS
166	KodikulamS.M.H.S	Kodikulam.P.O.,685582	HS
167	NedumattamUPS	Vandamattam.P.O.685582	UP

<b>Sl. No</b>	<b>Name of School</b>	<b>Address with Pincode</b>	<b>HS/HSS/VHS S/ HSS&amp;VHSS/ TTI</b>
168	KoduvelyLFUPS	Koduvely.P.O.,685582	UP
169	VazhakalaLFUPS	West Kodikulam- 685 582	UP
170	KodikulamS.MLPS	Kodikulam.P.O.,685582	LPS
171	ParappuzhaSJLPS	Parapuzha.P.O.,685582	LPS
172	ThennathoorSMLPS	Parapuzha.P.O.,685582	LPS
173	GHSSKudayathoor	Kudayathoor.P.O.,685 590	HSS
174	KoovappallyC.M.S.H.S	Koovappally.P.O.,685590	HS
175	KolapraL.P.S	Kudayathoor.P.O.,685 590	LPS
176	KudayathoorNewLPS	Kudayathoor.P.O.,685 590	LPS
177	MorkadLPS	Kanjar.P.O.,685590	LPS
178	MuthiyamalaLPS	Kudayathoor.P.O.,685 590	LPS
179	AdoormalaCMSLPS	Kudayathoor.P.O.,685 590	LPS
180	KudayathoorS.A.LPS	Kudayathoor.P.O.,685 590	LPS
181	LBMMsfortheBlindKudayathoor	ElamdesamP.O,ThodupuzhaPin-685590	UP
182	GHSMuttom	Muttom.P.O.,685587	HS
183	ThudanganadS.T.H.S	Thudangand.P.O.,685587	HS
184	EdappillyP.LPS(PanchayathSchool	Ottalloor.P.O.685589	LPS
185	KakkombuS.M.LPS	Ellumpuram.P.O.685587	LPS
186	ThudangandS.T.LPLS	Muttom.P.O.,685586	LPS
187	GHSPeringassery	Peringassery.P.O.685581	HS
188	GVHSSThattakkuzha	Thattakuzha.P.O,685581	VHSS
189	UdumbannoorS.G.H.S	Udumbannoor. P.O., 685595	HS

<b>Sl. No</b>	<b>Name of School</b>	<b>Address with Pincode</b>	<b>HS/HSS/VHS S/ HSS&amp;VHSS/ TTI</b>
190	CheppukulamS.T.UPS	Cheppukulam.P.O.,685581	UP
191	MalayinchiLPS	Malatinchi.P.O.,685581	LPS
192	UdumbannoorLPS	Udumbannoor. P.O., 685595	LPS
193	UppukunnuTLPS	Moolakadp.o,685581	LPS
194	EzhanikoottamSSLPS	Cheenikuzhi.P.O.685581	LPS
195	PariyaramSNLPS	Udumbannoor. P.O., 685595	LPS
196	UdumbannoorSJLPS	Udumbannoor. P.O., 685595	LPS
197	GVHSSManiyarankudy	Maniyarankudy-685602	VHSS
198	GMRSIdukki	PainavuPO,	HS
199	GVHSSVazhathope	IdukkiColony-685602	VHSS
200	VazhathopeS.G.H.S.S	Thadiyampadu.P.O.,685602	HSS
201	IdukkiVHS(SVVEMHSPainavu)	IdukkiColony-685602	HS
202	PainavuG.UPS	Painavu.P.O.	UP
203	ManipparaS.M.UPS	Manippara.P.O., 685602	UP
204	VazhathopuS.G.UPS	IdukkiColony-685602	UP
205	VazhathopeLPS	Thadiyampadu.P.O.,685602	LPS
206	IdukkiS.M.LPS	IdukkiColony-685602	LPS
207	MulakuvallyS.J.LPS	Manipara.P.O.,685 602	LPS
208	St.GeorgePublicSchool,Vazhatho	IdukkiColony-p.o685602	LP
209	VettimattamPLPS(PanchayathSch	Vettimattam.P.O.,685588	LPS
210	GHSPoochapra	Devarupara.P.O.,685586	HS
211	GHSSPoomala	Koovakandom.P.O.,685588	HSS

<b>Sl. No</b>	<b>Name of School</b>	<b>Address with Pincode</b>	<b>HS/HSS/VHS S/ HSS&amp;VHSS/ TTI</b>
21 2	VelliyamattamC.K.VHSS	Velliyamattam - 685 583	VHSS
21 3	KarippalangaduG.T.UPS	Karippalangadu-685601	UP
21 4	VelliyamattamSJUPS	Velliyamattam - 685 583	UP
21 5	Naliyani TLPS	Koovakkadam.P.O.,685588	LPS
21 6	ElamdesamSJLPS	Elamdesam.P.O.,685588	LPS
21 7	PannimattamSJLPS	Pannimattam.P.O.,685588	LPS
21 8	THSSMuttam	ThodupuzhaP.O,685584	HSS
21 9	Kallar GHS(Chottupara)	kallar,chottuparaP.OPin-685552	HS
22 0	KoottarNSSHSS	Koottar.P.O,685552	HSS
22 1	KuzhitholuDeepaHS	Kuzhitholu.P.O.,685551	HS
22 2	RamakalmettuSHHS	Ramakalmettu -685 552	HS
22 3	KallarGUPS	Chottupara.P.O.685552	UP
22 4	PothinkandamSNUPS	Kuzhitholu.P.O.685551	UP
22 5	ChottuparaRPMLPS	Chottupara.P.O.,685552	LP
22 6	CumbummettuMLPS	Cumbummettu.P.O.,685551	LP
22 7	Koottar SN LPS	Karunapuram.P.O.685552	LP
22 8	OldKocharaSXLPS	Kochara.P.O.,685551	LP
22 9	EzhukumvayalHS	Ezhukumvayal-685553	HS
23 0	NedumkandamVHSS	Nedumkandam.P.O.,685553	VHSS
23 1	NedumkandamSSHS	Nedumkandom.P.O.,685553	HS
23 2	NedumkandamSDAEMHSS	Nedumkandom.P.O.,685553	HSS
23 3	NedumkandamPUPS(Panchayath	Nedumkandom.P.O.,685553	UP

Sl. No	Name of School	Address with Pincode	HS/HSS/VHS S/ HSS&VHSS/ TTI
234	ManjapparaCRUPS	Manjappara.P.O.685602	UP
235	NedumkandamSSUPS	Nedumkandom.P.O.,685553	UP
236	KallarLPS	Kallar.P.O.,685552	LP
237	MavadyLPS	Nedumkandom.P.O.,685553	LP
238	PushpakandamLPS	Pushpakandam.P.O.,685552	LP
239	KompayarSTLPS	Kompayar.P.O.,685552	LP
240	PachadySNLPS	Pachady.P.O.,685553	LP
241	ChristurajLPSchool,Manjappara	ManjapparaP.O,PIN-685553	LP
242	St.SebastiansLPSNedumkandam	Nedumkandam TO Nedumkandam PIN-685553	LP
243	SHEnglishMediumLPSchool,Nedumkandam	Nedumkandam.Nedumkandam Pin:685554	LP
244	KallarHSS(mundiyeruma)	Kallar.P.O.,685552	HSS
245	ValiathovalaCRHS	Valiathovala - 685 510	HS
246	BalagramsouthPMLPS	Sanniasioda.P.O.685552	LP
247	Kallar3rdCampLPS	Balagram.P.O.685552	LP
248	PampadumparaPTMLPS(Panchaya	Pampadumpara. P.O.685556	LP
249	SasthanadaLPS	Sasthanada,Nedumkandom,685535	LP
250	SMLPSChempalam	Chempalam.P.O.685553	LP
251	PampadumparaPTMLPS	Pampadumpara. P.O.685556	LP
252	ParathodeHS	Kailasanadu.P.O.,685553	HS
253	UdumbancholaHS	Udumbanchola-685554	HS
254	VandanmeduNSPHSS(Panchayath	Puttady.P.O,685551	HSS
255	ChemmannarSXHSS	Udumbanchola-685554	HSS

<b>Sl. No</b>	<b>Name of School</b>	<b>Address with Pincode</b>	<b>HS/HSS/VHS S/ HSS&amp;VHSS/ TTI</b>
256	VandanmettuMESHS	Vandanmettu.P.O.,685 551	HS
257	VandanmettuSAGHS	Vandanmettu.P.O.,685 551	HS
258	PuliyamalaKEUPS	Puliyamala.P.O.685515	UP
259	PuliyamalaTLPS	Puliyamala.P.O.685515	LP
260	AnakkaraIMSLPS	Anakkara.P.O.685512	LP
261	KocharaSJLPS	Nettithozhu.P.O.,686511	LP
262	SleevamalaSB LPS	C.Kuthumkal.P.O.685566	LP
263	ThoovalSJLPS	Mavady.P.O.,685 553	LP
264	VandanmeduNSSLPS	Chellrcoil.P.O.,685509	LP
265	KarimkunnamS.A.H.S.S	Karimkunnam.P.O.,685586	HSS
266	NediyakadLFUPS	Karimkunnam.P.O.,685588	UP
267	ThattarathattaSPUPS	Thattarathatta-685581	UP
268	KarimkunnamLPS	Karimkunnam.P.O.,685586	LPS
269	VadakummuryBTMLPS	Vadakummury.P.O.,685586	LPS
270	PerumpillichiraSJUPS	Perumpillichira.P.O.685605	UP
271	KumaramangalamMKNMHSS	Kumaramangalam-685597	HS
272	PainkulamS.R.H.SS	Mailacomb.P.O.685584	HSS
273	EzhalloorSSUPS	Kumaramangalam-685597	UP
274	PaynkulamSTUPS	Mylacompu.P.O.685584	UP
275	KaloorLPS	Kaloor.P.O.,685584	LPS
276	KumaramangalamLPS	Kumaramangalam-685597	LPS
277	PerumpillichiraPLPS(PanchayathS	Perumpillichira.P.O.685605	LPS

<b>Sl. No</b>	<b>Name of School</b>	<b>Address with Pincode</b>	<b>HS/HSS/VHS S/ HSS&amp;VHSS/ TTI</b>
278	GHS Arikuzha	Arikuzha.P.O.685584	HS
279	Manakkad N.S.S.H.S.S	Manakkad.P.O.,685584	HSS
280	Vazhithala S.S.H.S.S	Vazhithala.P.O.685583	HSS
281	Nediyasala SMUPS	Nediyasala.P.O.685584	UP
282	Arikuzha LPS	Arikuzha.P.O.685584	LPS
283	Chittoor LPS	Puthuppariyaram.P.O.	LPS
284	Chittoor LFLPS	Puthuppariyaram.P.O.	LPS
285	Kolady STLPS	Vazhithala.P.O.685583	LPS
286	Periyampura SJLPS	Puthuppariyaram.P.O.,685584	LPS
287	Manakad SVB	Manakad.P.O.685584	LPS
288	Mankulam SMUPS	Mankulam.P.O., 685565	UPS
289	Anakulam SJGLPS	Munnar.P.O.685565	LPS
290	Marayoor HSS	Sahayagiri.P.O.,685620	HSS
291	Marayoor SMUPS	Marayoor.P.O.685620	UP
292	Marayoor LPS	Marayoor.P.O.685620	LP
293	Pallanad SM LPS	Marayoor.P.O.685620	LP
294	Marayoor SMLPS	Munnar.P.O.685612	LP
295	Kuninji S.A.H.S	Kuninji.P.O.,685583	HS
296	Purapuzha S.S.H.S	Purapuzha.P.O.,685583	HS
297	Kuninji LPS	Kuninji.P.O.,685583	LPS
298	Purapuzha LPS	Purapuzha.P.O.,685583	LPS
299	Vengaloor SALPS	Vazhithala.P.O.685583	LPS

<b>Sl. No</b>	<b>Name of School</b>	<b>Address with Pincode</b>	<b>HS/HSS/VHS S/ HSS&amp;VHSS/ TTI</b>
300	ThodupuzhaSSUPS	Thodupuzha. P.O.,685584	UP
301	GHSKanjiramattom	ThodupuzhaEast-685585	HS
302	GHSSThodupuzha	Thodupuzha. P.O.,685584	HSS
303	GVHSSThodupuzha	ThodupuzhaEast-685585	VHSS
304	MuthalakodamSH.GHS	Mothalakodam.P.O,685 605	HS
305	MuthalakodamS.G.H.S.S	Mothalakodam.P.O,685605	HSS
306	ThodupuzhaS.S.H.SS	Thodupuzha. P.O.,685584	HSS
307	ThodupuzhaDePaul.E.M.H.S.S	Thodupuzha. P.O.,685585	HSS
308	ThodupuzhaJ.R.E.M.H.S.S	Thodupuzha. P.O.,685584	HSS
309	VengalloorTMUPS(Panchayathsc	Vengalloor.P.O.685584	UP
310	ChunkomSJUPS	Kolani.P.O.685584	UP
311	MuthalakodamSGUPS	Muthalakodam.P.O.,685605	UP
312	ManakkadNSSLPS	Manakkad.P.O.,685584	LPS
313	ThodupuzhaDIETLabUPS	ThodupuzhaP.O,685584	UP
314	KolaniLPS	Kolani.P.O.685584	LPS
315	KumbankalluBTMLPS	ThodupuzhaEast-685585	LPS
316	GHSSMullaringadu	Mullaringad.P.O,685582	HSS
317	KaliyarS.M.H.S.S	Kaliyar.P.O.,685582	HSS
318	VannappuramS.N.M.VHSS	Vannappuram.P.O.,685582	VHSS
319	MullaringaduNLPS(PanchayathSch	Mullaringad.P.O.,685582	LPS
320	PattayakudyTLPS	Pulickatotty.P.O.,685582	LPS
321	KaliyarSMLPS	Kaliyar.P.O.,685582	LPS

<b>Sl. No</b>	<b>Name of School</b>	<b>Address with Pincode</b>	<b>HS/HSS/VHS S/ HSS&amp;VHSS/ TTI</b>
322	THSPurappuzha	Purapuzha.P.O.,685583	HS
323	GHSBisonvalley	Bisonvalley.P.O.,685 565	HS
324	PottankadS.S.H.S	Pottankad.P.O.,685569	HS
325	JosegiriSJUPS	Josegiri.P.O.685565	UPS
326	PottankadSLPS	Pottankad,685569	LPS
327	ChinnakanalHS	Chinnakanal.P.O.685618	HS
328	ChempakathozhuGTLPS	SurAidednelly.P.O.685618	LP
329	B.L.Ram GLPS	Surianelly.P.O.,685618	LP
330	VenadLPS	Bisonvally.P.O.685554	LP
331	ChinnakanalFMLPS	Chinnakanal. P.O.685618	LP
332	PeriakanalALPS	Chinnakanal. P.O.685618	LP
333	SurianellyALPS	Surianelly.P.O.685618	LP
334	GHSSRajakkad	Rajakad.P.O.,685566	HSS
335	N.R.CityS.N.V.H.S.S	N.R.City.P.O,685566	HSS
336	PazhayaviduthyUPS	Rajakad.P.O.685566	UPS
337	KollimalaiSMUPS	Ponmudy.P.O.685564	UPS
338	RajakumaryHSS&VHSS	RajakumaryNorth-685531	HSS&VHSS
339	KajanapparaGUPS	Kajanapara. P.O.,685619	UP
340	PoopparaSMGUPS	Kulapparachal.P.O.685619	UP
341	RajakumaryHQUPS	Rajakumary.P.O.685619	UP
342	MarMathewsEnglishMedium,Nedumkandam	KulapparachalP.OMurikkumthoty,Pin : 685619	LP
343	SanthanparaHS	Santhanpara.P.O.,685619	HS

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344	ThottikanamMGMUPS	Senapathy.P.O.685619	UP
345	Panniar LPS	Panniar.P.O.,685621	LP
346	PooparaPLPS(PanchayathSchool)	Poopara.P.O.685619	LP
347	KanthipparaSSHS	Arivilamchal.P.O.,685554	HS
348	Senapathy MBVHS	Senapathy.P.O.,685619	HS
349	ArivilamchalTLPS	Arivilachal.P.O.,685619	LP
350	Mar BasilLPSchool,Senapathy	SenapathyP.O,PIN-685619	LP
351	MarykulamSMHSS	Ayyappancoil.P.O.685507	HSS
352	MarykulamSMUPS	Ayyappancoil.P.O.685507	UPS
353	AyyappancoilLPS	Ayyappancoil.P.O.685507	LPS
354	KarimkulamLPS	Karimkulamchappath. P.O.685506	LPS
355	PookulamLPS	Chenkara.P.O.685539	LPS
356	MarykulamLPS	Ayyappancoil.P.O.685507	LPS
357	MarianPublicSchool,Marykulam	AyyappancoilPO,685507	UP
358	San Seban LP School,Mattuthavalam,Idukki	AyyappancoilPO,685507	LP
359	AnakkaraHSS	Anakkara.P.O.,685 512	HSS
360	ChakkupallamTHS	Chakkupallam.P.O.685509	HS
361	Kochera AKM UPS	Nettithozhu.P.O.685551	UPS
362	ChackupallomSDLPS	Chackupallom.P.O.685509	LPS
363	Nalanda English Medium School,Anakkara	AnakkaraPO,685512	UP
364	SreeNarayanaEnglishMediumSchool,Anavilasam	anavilasampo, 685535	LP
365	ChempakapparaHS	Chempakappara-685510	HS

<b>Sl. No</b>	<b>Name of School</b>	<b>Address with Pincode</b>	<b>HS/HSS/VHS S/ HSS&amp;VHSS/ TTI</b>
366	ErattayarHS	Santhigram.P.O.685510	HS
367	SanthigramGandhijiMGEMS	Erattayar.P.O.,685514	HS
368	ErattayarSTHSS	Erattayar.P.O.,685514	HSS
369	VazhavaraSMHS	Vazhavara-685515	HS
370	IdinjamalaLPS	Idinjamala.P.O.685510	LPS
371	ChempakaparaSPLPS	Chempakappara.P.O.685510	LPS
372	EattithoppuVMLPS	Eattithoppu.P.O.685510	LPS
373	EzhukumvayalJMLPS	Ezhukumvayal.P.O.685553	LPS
374	St.Mary'sLPSchool,Nankuthotty	Vazhavara PO ,685515	LP
375	ThankamanyHS	Kamakshy.P.O,685515	HS
376	CalvarymountCHS	Calvarymount-685515	HS
377	ThankamanySTHSS	Thankamany.P.O.,685 515	HSS
378	CalvarymountCUPS	Calvarymount.P.O.685515	UPS
379	PandiparaSJUPS	Pandipara.P.O.685515	UPS
380	UdyagiriSMUPS	Udayagiri.P.O.685515	UPS
381	KarikkinmeduGLPS	Prakash.P.O.,685515	LPS
382	CalvarymountCLPS	Calvarymount.P.O.685515	LPS
383	NellipparaSXLPS	Nellippara.P.O.685515	LPS
384	ThankamanySTLPS	Thankamany.P.O.685515	LPS
385	MurikkattukudyTHSS	Thoppippala.P.O.,685511	HSS
386	NariyamparaMMHS	Nariyampara.P.O.685511	HS
387	KalthottyAMUPS	Kalthotty.P.O.685507	UPS

<b>Sl. No</b>	<b>Name of School</b>	<b>Address with Pincode</b>	<b>HS/HSS/VHS S/ HSS&amp;VHSS/ TTI</b>
388	KanchiyarSMUPS	Kanchiyar.P.O.685511	UPS
389	KanchiyarTLPS	Kanchiyar.P.O.685511	LPS
390	KozhimalaLPS	Kozhimala.P.O.685511	LPS
391	KanchiyarSMLPS	Kanchiyar.P.O.685511	LPS
392	LabbakkadaLMLPS	Thoppippala.P.O.685517	LPS
393	ThoppippalaSNEMLPS	Thoppippala.P.O.685511	LPS
394	KattappanaTHSS	Kattappana.P.O.,685508	HSS
395	VazhavaraGHS	Vazhavara.P.O.685515	HS
396	KattappanaSGHSS	Kattappana.P.O.,6855152	HSS
397	VellayamkudySJHSS	Vellayamkudy.P.O.685515	HSS
398	KattappanaOEMHSS	Kattappana.P.O.,6855152	HSS
399	KattappanaSJUPS	Vellayamkudy.P.O.	UPS
400	KochuthovalaSJUPS	Kochuthovala.P.O.685510	UPS
401	VallakadavuSAUPS	Kadamakuzhy.P.O.685515	UPS
402	KattappanaSGLPS	Kattappana.P.O.685508	LPS
403	KochuthovalaSJLPS	Kochuthovala.P.O.685510	LPS
404	VallakadavuSALPS	Kadamakuzhy.P.O.685515	LPS
405	VellayamkudySJLPS	Vellayamkudy.P.O.685515	LPS
406	Puliyamala LFLPS	PuliyamalaP.O685515	LPS
407	OssanamE.M.School,Kattapana	KattappanaPO,685508	LP
408	MariyapuramSMHS	Mariyapuram.P.O.,685602	HS
409	UpputhoduSJHS	Upputhodu.P.O.,685602	HS

<b>Sl. No</b>	<b>Name of School</b>	<b>Address with Pincode</b>	<b>HS/HSS/VHS S/ HSS&amp;VHSS/ TTI</b>
410	VimalagiriVHS	Vimalagiri.P.O.,685602	HS
411	UpputhoduUPS	Upputhodu.P.O.685604	UPS
412	NarakakkanamSJUPS	Narakakkanam.P.O.685602	UPS
413	KarimpanLPS	Manippara.P.O.685602	LPS
414	KuthirakkalluLPS	Vimalagiri.P.O.655602	LPS
415	IdukkiNLPS	Nayarupara.P.O.685602	LPS
416	MariyapuramSMLPS	Mariyapuram.P.O.	LPS
417	Vimalagiri VLPS	Vimalagiri.P.O.655602	LPS
418	KannampadyGTHS	Mathaippara.P.O.685505	HS
419	ValacodeTHS	Mathaippara. P.O.,685505	HS
420	CheenthalarSSHSS	Passuppara.P.O.685502	HSS
421	ChinnarSJHS	Chinnar.P.O.,685501	HS
422	UpputharaSPHSS	Upputhara.P.O.,685505	HSS
423	KarimtharuviUPS	Chinnar.P.O.,685501	UPS
424	KattadikavalaHWUPS	Cheenthalar.P.O.685501	UPS
425	CheenthalarTLPS	Chinnar.P.O.,685501	LPS
426	LonetreePLPS(PanchayathSchool)	Lonetree.P.O.685505	LPS
427	PasuparaPuthuvalLPS	Pasuppara.P.O.,685 502	LPS
428	PasupparaEKMLPS	Pasuppara.P.O.685502	LPS
429	UpputharaOMLPS	Upputhara.P.O.,685505	LPS
430	AVT Memorial CMS TamilPSPasup	Pasuppara. P.O.685501	LPS
431	PuttadySMUPS	PuttadyP.O,685551	UP

<b>Sl. No</b>	<b>Name of School</b>	<b>Address with Pincode</b>	<b>HS/HSS/VHS S/ HSS&amp;VHSS/ TTI</b>
432	MaliLPS	Mali.P.O.685551	LP
433	ElapparaPHSS(PanchayathSchool	Elappara.P.O.,685501	HSS
434	VagamonHSS	Vagamon.P.O.685503	HS
435	ChinnakanalFMHS	Chinnakanal-685618	HS
436	PullikkanamSTHS	Pullikkanam.P.O.685503	HS
437	ChemmannuGUPS	Elappara.P.O.,685501	UP
438	ElapparaUPS	Elappara.P.O.,685501	UPS
439	FairfieldTLPS	Fairfield.P.O.,685504	LPS
440	HaileyburiaPLPS(PanchayathScho	Haleyburia.P.O.685501	LPS
441	Kottamala LPS	Kottamala.P.O.,685503	LPS
442	PullikkanamSTLPS	Pullikkanam.P.O.685508	LPS
443	TwyfordEstateLPS	Fairfield.P.O.,685501	LPS
444	KuttiplangaduHSS	Kuttiplangad -686 514	HSS
445	MukkulamSGHS	MukkulamEast-686514	HS
446	MundakayamSAHS	MundakkayamEast.P.O.686513	HS
447	MeloramSMGUPS	Meloram. P.O.685532	UPS
448	MundakayamSAUPS	MundakayamEast.P.O.686513	UPS
449	MulamkunnuKamLPS	Mulamkunnu.P.O.	LPS
450	MundakayamSLLPS	Mundakayam.P.O.,686513	LPS
451	VadakkemalaSSLPS	Vembly.P.O.686514	LPS
452	St.Antony'sEnglishMediumLPSchool,Mundakayam	mundakayameastpo,686513	LP
453	AmaravathyHSS	Amaravathy.P.O.685509	HSS

<b>Sl. No</b>	<b>Name of School</b>	<b>Address with Pincode</b>	<b>HS/HSS/VHS S/ HSS&amp;VHSS/TTI</b>
454	Kumily HSS,VHSS&TTI	Kumily.P.O.685509	HSS&VHSS&TTI
455	MurukadyMAIHS	Murukady.P.O.685535	HS
456	VellaramkunnuSMHSS	Vellaramkunnu-685535	HSS
457	AttappallamSTEMHSS	Attappallam.P.O.,685509	HSS
458	Kumily TUPS	Kumily.P.O.,685509	UPS
459	AnavilasamSGUPS	Anavilasam.P.O.685535	UPS
460	ChenkaraKPLPS(PanchayathScho	Chenkara.P.O.685533	LPS
461	ChottuparaTLPS	Chottupara.P.O.685552	LPS
462	MurukadyMAI LPS	Murukady.P.O.,685535	LPS
463	PambanarHS	Pambanar.P.O.685537	HS
464	Peermade(CPM) HSS	Peermade.P.O.,685531	HSS
465	PeermadeGMRHSSTamil	Peermade.P.O,685531	HSS
466	PeermadeMEMHSS	Peermade.P.O.,685531	HSS
467	ArudaiLPS	Peermade.P.O.,685531	LPS
468	GlenmaryLPS	Glenmary.P.O.685531	LPS
469	KaradikuzhyPLPS(PanchayathSch	Karadikuzhy.P.O.,685531	LPS
470	LadrumLPS	Lekshmicoil.P.O.685531	LPS
471	MurinjapuzhaLPS	Murinjapuzha-685532	LPS
472	PallikkunnuPLPS(PanchayathScho	Pallikkunnu.P.O.685531	LPS
473	KuttikanamSJLPS	Kuttikanam.P.O.,685531	LPS
474	KanayankavayalHS	Kanayankavayal.P.O,685532	HS
475	PeruvanthanamSJHSS	Peruvanthanam.P.O.685532	HSS

<b>Sl. No</b>	<b>Name of School</b>	<b>Address with Pincode</b>	<b>HS/HSS/VHS S/ HSS&amp;VHSS/ TTI</b>
476	ThekemalaSMHS	Palooravu.P.O.,685 532	HS
477	Palooravu UPS	Palooravu.P.O.,685 532	UPS
478	PeruvanthanamUPS	Peruvanthanam-685532	UPS
479	AmalagiriSTLPS	Peruvanthanam-685532	LPS
480	CheruvallikulamSGLPS	Cheruvallikulam.P.O.685532	LPS
481	KanayamkavayalSMLPS	Kanayamkavayal.P.O.685532	LPS
482	MundakayamTR&TCO.LPS	Mundakayam.P.O.,686513	LPS
483	PeruvanthanamSJ LPS	Peruvanthanam-685532	LPS
484	VanchivayalTHS	Vallakadavu.P.O.685533	HS
485	VandiperiyarPHSS(PanchayathSch	Vandiperiyar-685 533	HSS
486	MlamalaFHS	Thengakal.P.O.,685 538	HS
487	VandiperiyarSJHS	Vandiperiyar-685 533	HS
488	VandiperiyarUPS	Vandiperiyar-685 533	UPS
489	GranbyLPS	Granby.P.O.,685533	LPS
490	VandiperiyarLPS	Vandiperiyar.P.O.685533	LPS
491	ArnakalEstateLPS	Arnakal.P.O.685533	LPS
492	DymockLutheranLPS	Dymock.P.O.685533	LPS
493	Wallardie SMLPS	Vandiperiyar.P.O.685503	LPS
494	SreeNarayanaEnglishMediumSchool,Vandiperiyar	Vandiperiyar-685 533	LP
495	THSSPeermadu	Peermade.P.O.,685531	HSS

## 1.6 MAJOR COLLEGES IN IDUKKI DISTRICT

SL NO	NAME OF COLLEGE
1	COLLEGE OF APPLIED SCIENCE, KATTAPPANA
2	COLLEGE OF APPLIED SCIENCE, MARAYOOR
3	COLLEGE OF APPLIED SCIENCE, NEDUMKANDAM
4	COLLEGE OF APPLIED SCIENCE, PEERUMEDE
5	GOVERNMENT COLLEGE OF ENGINEERING, IDUKKI
6	GOVERNMENT COLLEGE, KATTAPPANA
7	GOVERNMENT COLLEGE, MUNNAR
8	GOVT. POLYTECHNIC COLLEGE, KUMALY
9	GOVT. POLYTECHNIC COLLEGE, MUTTOM
10	MARIAN COLLEGE, KUTTIKANAM
11	MES COLLEGE, NEDUAMKANDAM
12	MODEL POLYTECHNIC COLLEGE, PAINAVU
13	NEWMANS COLLEGE, THODUPUZHA
14	NSS COLLEGE, RAJAKUMARI
15	MAR BASELIUS COLLEGE ADIMLAY
16	ST JOSEPH COLLEGE MOOLAMATTOM
17	IHDR MUTTOM
18	GOVERNMENT COLLEGE OF ENGINEERING MUTTOM
19	AL AZHAR GROUP OF INSTITUTIONS
20	PAVANATHMA COLLEGE MURIKKASERRY
21	MAR SLEVA COLLEGE MURIKKASERRY
22	TRIBAL COLLEGE KUMALAVU
23	JPM COLLEGE, KANCHIYAR
24	SANJO COLLEGE RAJAKKAD

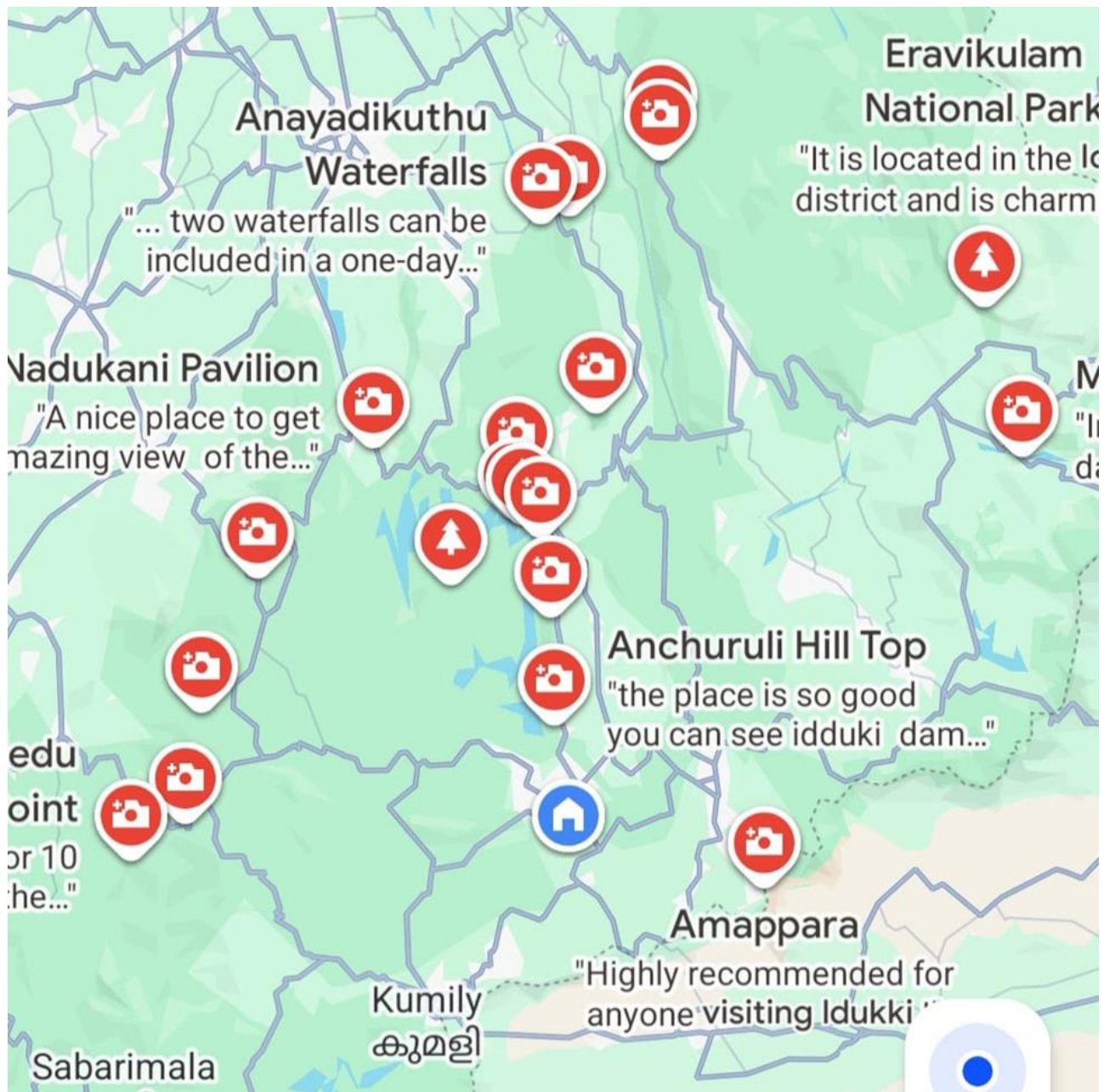
SL NO	NAME OF COLLEGE
25	HOLY CROSS COLLEGE PUTTADI
26	DC SCHOOL OF MANAGEMENT AND TECHNOLOGY
27	IHRD KUTTIKANAM
28	ST ANTONYS COLLEGE PERUVANTHANAM

## 2. MAJOR FESTIVALS

Festivals	LSGD	Place
Mangaladevi Temple	Kumily	Mangaladevi
Anachal Temple	Pallivasl	Anachal
Makaravilaku(pullumedu)	Vandiperiyar	Makaravilaku
Shivarathri	Ayyappancoil	Ayyapancoil

## 3. TOURIST PLACES IN THE DISTRICT

Tourist Places	LSGD
Munnar	Munnar
Eravikulam National Park	Munnar
Vagamon	Elapara
Calvarimount	kamakshy
Idukk DAM	Vazhathope
Anjuruli Waterfall	Kanchiyar
Thommankuthu Waterfalls	Karimanoor
Marayoor	Marayoor
Kanthaloor	Kanthaloor
Vattavada	Vattavada
Ramakalmedu	Nedumkandam



#### 4. NATURAL HAZARD ZONATION MAP

##### LANDSLIDE PRONE AREA

BLOCK	LSGD	LANDSLIDE
Elamdesham	Vannappuram	High(Vannapuram,Forest) Low (Amailakandam, Thommankuthu,Vannapuram,Forest)
	Alacode	High (Ilamdesam,Kondilapalli) Low (Vettimattom,Onnaramala)
	Kudayathoor	High(Kudayattoormala,anakunnumudimala)
	Velliamattom	High(ParambukaduMala, Pumala, Velliyamattom, Forest) Low (Mudiyamala,Kuvakandam,)
	Udumbannoor	High (Chirikuzhi, Venniyanimudi,Mannukadu, Peringaserri, Forest) Low Kuzhimattom,Cheppukulam,(Tattakkuzha,Vellamthanam,Forest)
Idukki	Kanjikuzhy	High (Thottakani, Kirithod,Chelachvada, Kanjikuzhi, Forest) Low (Varikkamuttom,Pazhayerikandam,Mailapuzha,Churuli,Forest)
	Vathikudy	High (Chembakapara, Padamukkam) Low (Topinkudi,Mongapara,Vattikudi,Murikkasserri)High(Karikku mMedu)Low (RajamudiUpputod)
	Idukki	High(Painavu,Karara,Forest) Tadiyampadu,Forest)
	Arakulam	High(Mulamattom, Nadukanimala,Tumbikkalmala Edad,Chellikkal) Low(Kannikal,Manapad)
Thodupuzha	Purappuzha	Low(Kurinji,Toyipara)
	Karimkunnam	Low(NellaparaOttallur,Ilayarimala)
	Muttom	High (Kollankunnu, Kuzhiyanai,Tudonganad) Low (Kanayamala,Kollankunnu)
Adimaly	Adimaly	High (Ayiram Acre, Chattupara,Machiplavukudi Forest) Low (Machiplavu,Deviarcolny,Forest)
	Pallivasal	High (Kallavattayar, KallarEstate,KainakarEstate) Low (TaliyamEstate,PlamalaEstate) High(PallivasEstate, Mincutcolony) Low (PallivasalEstate,Chithirapuram)
	Vellathooval	High(Kallarkutti,Elakunnu,Forest)Low(Vellathuval, Mankadav,Forest)
	Konnathady	High (kambilikandam, Chinnar,Panikkankudi,)Low (Mullirikudi,Parathodu,Mukkudam,Injapatal,Ponmudi)

BLOCK	LSGD	LANDSLIDE
	Bisonvally	High(Elakallu,Kunjithani Tukupara) Low (Anachal Chengalam)
Devikulam	Mankulam	High(Mankulam,Forest) Low (Anakulam,Perumbankuthu,Forest)
	Munnar	High (Munnar, Devikulam Estate,KallarEstate,Mattupett i Estate, ValkadavuEstate,Kadalar Estate, Forest)
	Marayoor	High(Kudakkad,Forest) Low(Marayur,Pattikadu,Karumutti,Forest)
	Kanthalloor	High(Kolachivayal,Puthur,kanthallur,Forest)
	Vattavada	High(Thattumpera,Kadavari,Kattamboor,Forest)High(Kovilur ,Vattavada,Pattithalaichelimala,Forest)
	Chinnakanal	High(Nadupara,Periyakanal Estate,NagamalaEstate,)
	Santhanpara	High (Mullantandu, PanniyarEstate, Forest) Low(Pupara,koranpara,PanniyarEstate) NadupaniEstate)Low (IlayakodEstate,Apparpullu Estate,Estate,KalliparaEstate,TalayankavuEstate,IsvarimedEst ate, Nainarmudi Low (Nedumkandam, Asokavanam Estate,ValparaEstate)
Nedumkand am	Rajakumari	High (Manjakuzhi,Mullantand, PeriyakanalEstate) Low (Kumbapara Estate,PeriyakanalEstate)
	Rajakadu	Low(Rajakkad,Ennarsiti,kanakapulla,Panniyarkutti)
	Kattappana	High(TankamanyChattikuli, Idukki,Nayarupara) Low (Ampalamedu,Valiyakamaks h,Veliyakatumali)
	Pampadumpara	Low (Pampadumpara Estate,Chakkakanam,Kallar,Mundiyeruma)
	Karunapuram	Low(Kurivikkonam,Kulitholuv mala,Prakkadavu)
Kattapana	Vandanmedu	Low(Anniyartolu,Puliyamala)
	Eratayar	Low(Ponnamala,Ittithoppu,Kumbanmala)
	Chakkupallam	Low(Pampumpara)Low(Sitampara Estate,ChakkupalamEstate)
	Ayyappancoil	High (Tahsilpara Estate, Forest)Low(Karinkulam Estate,Kaltotti, Forest) Low(Tahsildarpara Estate,MadhavankanmEstate,)
Azhutha	Elappara	High (Vedikuzhi, AlampallyEstate, AnnantambiMala, TheppakulamEstate, GlanmaryEstate)Low (PulikanamEstate,Kotamala Estate, Chintala, Pasupara Estate, VagamonEstate,KoduvakaranamEstate,ThyfordEstate)

<b>BLOCK</b>	<b>LSGD</b>	<b>LANDSLIDE</b>
	Kokkayar	High(Urumbikkara Estate,MukkulamEstate,)Low (Puvali,BoyceEstate)
	Peruvanthanam	High(ChuzhuppilEstate, MeloramEstate, cheruvallikulam, Kanayangavayal, AmalagiriEstate)Low (OrkadanEstate,ManikalluEstate)
	Peermade	High(RanimudiEstate,PampanarMala,Forest,Kirikara,Forest) Low(Peermed,Forest,Varayattumotta, PasuMalaEstate,ManjumalaEstate)
	Vandiperiyar	Low (Thankamala Estate, Vandiperyar,NellikayEstate,Forest)
	Kumily	High (Periyar RF) Low (Attapaam, Murukkadi Estate,Dymock,Chenkara,Vellaramkunnu,Forest)

### FLOOD PRONE AREA

<b>BLOCK</b>	<b>LSGD</b>	<b>FLOOD</b>
Purapuzha	Thodupuzha	Banks of Thodupuzha river & Alakkode thodu, Banks of Thodupuzha river & Broad flat bottom valleys (Paddy fields)Mudalakandam,Kolani
	Manakkad	Banks of Thodupuzha river & Broad flat bottom valleys (Paddy fields)Periyambra,Pudupariyaram
	Purapuzha	Broad flat bottom valleys (Paddyfields)Vengallur, Vazhitala,Purapuzha
	Karimkunnam	Broad flat bottom valleys (Paddyfields)Vadakkumuri,Mrala
	Kumaramangalam	Broad flat bottom valleys (Paddyfields)Ezhallur, Kothamangalam,Perumbillichira,Kappu,Vengallur
Elamdesham	Kodikulam	Banks of Kaliyar Puzha,Karimannur thodu& Broad flatbottom, valleys(Paddyfields)Kodikulam,Parapuzha
	Vannapuram	Banks of KaliyarPuzha & Broad flat bottomvalleys(Paddyfields) Vannapuram,Mulankuthi
	Udumbanoor	Banks of Kaliyar Puzha & Broad flat bottom valleys(Paddyfields) Vannapuram,Mulankuthi, Banks of Kaliyar Puzha & Broad flat bottomvalleys(Paddyfields) Kollapuzha,Tattakuzha,Edamaraku, Udumbannur,Chinikuzhi, Paniyaram, Amayappara

<b>BLOCK</b>	<b>LSGD</b>	<b>FLOOD</b>
	Karimanoor	Banks of Karimannoor thodu & Broad flat bottom valleys (Paddy fields) Pallikkamuri, Manakaithandu, Karimannur
	Muttom	Broad flat bottom valleys (Paddyfields) Tudanganad
	Alakode	Broad flat bottom valleys (Paddyfields) Ancheri, Kurichi
Devikulam	Santhanpara	Banks of Panniyar River, Banks of Chemmanar river
Adimaly	Konnathady	Broad flat bottom valleys (Paddyfields) Parahode
Nedumkandam	Rajakumari	Banks of Panniyar & Broad flat bottom valleys (Paddyfields) Rajakumari
	Rajakkad	Broad flat bottom valleys (Paddyfields) Rajakkad, Mullakanam
Kattapan	Erattayar	Banks of Irattayar river
	Kattapana	Broad flat bottom valleys (Paddyfields) ValiyaKandan, Vellayamkudi
	Chakkupallam	Broad flat bottom valleys (Paddyfields) Kocharayar , Broad flat bottom valleys (Paddyfields) Chakkupalam
	Ayyapancoil	Broad flat bottom valleys (Paddyfields) Kachiyar river
Idukki	Vathikudy	Broad flat bottom valleys (Paddyfields) Padamukham, Vattikudi
	Mariyapuram	Banks of Periyar river

## MAJOR INDUSTRIAL ESTABLISHMENTS

<b>Sln</b>	<b>Panchayath</b>	<b>Name of Owner</b>	<b>Sector of Enterprise</b>
1	Senapathy	Lixy James	Garments and Textiles
2	Chakkupallam	IBI MARIA ISSAC	Garments and Textiles
3	Udumbanchola	Naushad Methar	Medical/ Hospital equipments, Medical Labs
4	Udumbanchola	Madhu CK	Garments and Textiles
5	Kattappana (M)	Ruby tomy	Garments and Textiles
6	Vandiperiyar	LEKSHMI MOHAN	Garments and Textiles
7	Idukki-Kanjikuzhy	Arun Issak	Garments and Textiles
8	Senapathy	Seeja Babu	Garments and Textiles
9	Bisonvalley	Gigi Joseph	Garments and Textiles
10	Bisonvalley	ginu shyjo	Garments and Textiles
11	EDAVETTY	Chinchu P Issac	Garments and Textiles
12	Pallivasal	Mini Prasad	Garments and Textiles

<b>Slno</b>	<b>Panchayath</b>	<b>Name of Owner</b>	<b>Sector of Enterprise</b>
13	Konnathady	SULOCHANA UNNI	Garments and Textiles
14	Konnathady	ANIMOL PAUL	Garments and Textiles
15	Senapathy	Shaji Mathew	Garments and Textiles
16	EDAVETTY	Shalmy Sidhik	Garments and Textiles
17	Udumbanchola	Fathima VP	Garments and Textiles
18	Chakkupallam	MERCY BABU	Garments and Textiles
19	Udumbanchola	Jiji Sebastian	Garments and Textiles
20	Udumbanchola	Lissy Mathew	Garments and Textiles
21	Vannappuram	SHINEY SAJEEV	Garments and Textiles
22	Konnathady	SHEEBA BALAKRISHNAN	Garments and Textiles
23	Konnathady	ANISHA ANIL	Garments and Textiles
24	Konnathady	OMANA PRAKASAN	Garments and Textiles
25	Udumbanchola	Aniska	Garments and Textiles
26	Konnathady	GIRIJA	Garments and Textiles
27	Rajakkad	SHELLY K S	Garments and Textiles
28	KUMARAMANGA LAM	Shylabi	Garments and Textiles
29	Rajakkad	MANNI JAYAKUMAR	Garments and Textiles
30	Rajakkad	SALY MANU	Garments and Textiles
31	KUMARAMANGA LAM	Sajana Nizar	Garments and Textiles
32	KUMARAMANGA LAM	Kanjana Prahaladhan	Garments and Textiles
33	Vannappuram	SINDHU SALIKUMAR	Garments and Textiles
34	Vannappuram	SINDHU T G	Garments and Textiles
35	Vannappuram	JANCY JOSE	Garments and Textiles
36	Vazhathope	Bindhu K K	Garments and Textiles
37	Vannappuram	DEEPA MOHANDAS	Garments and Textiles
38	KUMARAMANGA LAM	Reshmi Biju	Garments and Textiles
39	Ayyappancovil	Lijimol	Garments and Textiles
40	Ayyappancovil	Sheena	Garments and Textiles
41	Udumbannoor	Renjini	Garments and Textiles
42	KUMARAMANGA LAM	Jishamol R	Garments and Textiles
43	Udumbanchola	Arun TM	Drugs and Pharmaceuticals including Ayurveda
44	Vannappuram	SINI LIJO	Garments and Textiles
45	Purappuzha	SASIKALA DURAI	Garments and Textiles
46	Purappuzha	SHANTHA MURALI	Garments and Textiles
47	Mankulam	Renju George	Garments and Textiles
48	Mankulam	Leelamma Surendran	Garments and Textiles
49	Ayyappancovil	Sahetha V S	Garments and Textiles
50	Ayyappancovil	AJEENA SHAMSUDHEEN	Garments and Textiles
51	Ayyappancovil	Farisa ansari	Garments and Textiles
52	Kattappana (M)	sabeena	Garments and Textiles
53	Erattayar	Laiby Manoj	Garments and Textiles
54	Senapathy	Soumya Suneesh	Garments and Textiles
55	Vannappuram	SHEEJA SUDHEESH	Garments and Textiles

<b>Slno</b>	<b>Panchayath</b>	<b>Name of Owner</b>	<b>Sector of Enterprise</b>
56	Nedumkandom	Shilpa	Garments and Textiles
57	Nedumkandom	Sandhya PR	Garments and Textiles
58	Vannappuram	DANIA	Garments and Textiles
59	Vannappuram	LATHIKA SUDHEESH	Garments and Textiles
60	Ayyappancovil	Sheeba sebastian	Garments and Textiles
61	Ayyappancovil	Manju C K	Garments and Textiles
62	Kanchiyar	Manju Dileep	Garments and Textiles
63	Kanchiyar	Ajitha Shyju	Garments and Textiles
64	Kanchiyar	Deepa Muralidharan	Garments and Textiles
65	Nedumkandom	Anusha Pramodh	Garments and Textiles
66	Nedumkandom	Vijay ND	Drugs and Pharmaceuticals including Ayurveda
67	Kanchiyar	Usha Kumari	Garments and Textiles
68	Kanchiyar	Shandha Vijayan	Garments and Textiles
69	Vannappuram	ANNAKUTTY XEVIER	Garments and Textiles
70	Pallivasal	Sreekala ramesh	Garments and Textiles
71	Pallivasal	Nimi abraham	Garments and Textiles
72	Erattayar	Jessy Tomy	Garments and Textiles
73	Erattayar	Lissy Thomas	Garments and Textiles
74	Erattayar	Shiny Baby	Garments and Textiles
75	Munnar	Palaniyammal	Garments and Textiles
76	Munnar	Sangeetha K	Garments and Textiles
77	Kanchiyar	Marykutty	Garments and Textiles
78	Kudayathoor	LINU K G	Garments and Textiles
79	Kudayathoor	SAJI M R	Drugs and Pharmaceuticals including Ayurveda
80	Kudayathoor	LISSY BABY	Garments and Textiles
81	Purappuzha	Pushpa Shaji	Garments and Textiles
82	Nedumkandom	Jayan K	Garments and Textiles
83	Munnar	SELVAM	Garments and Textiles
84	Adimali	ARYA M B	Garments and Textiles
85	Nedumkandom	Mini Anilkumar	Garments and Textiles
86	Karimkunnam	Siny Shibu	Garments and Textiles
87	Adimali	ponnu baby	Drugs and Pharmaceuticals including Ayurveda
88	Adimali	sini mathai	Garments and Textiles
89	Alacode	Rani Praveen	Garments and Textiles
90	Alacode	SALINI P S	Garments and Textiles
91	Vandanmedu	Lissy Johny	Garments and Textiles
92	Karimannoor	PRASANNA BIJU	Garments and Textiles
93	Vandanmedu	Girija Parvathy	Garments and Textiles
94	Santhanpara	alphonse	Garments and Textiles
95	Vannappuram	GRACE MARIA	Garments and Textiles
96	Vannappuram	SUBI K MATHEW	Garments and Textiles
97	Kudayathoor	MINI SAJI	Garments and Textiles
98	Kudayathoor	CHITHRA	Garments and Textiles

<b>Slno</b>	<b>Panchayath</b>	<b>Name of Owner</b>	<b>Sector of Enterprise</b>
99	Kanchiyar	pushpavalli rajappan	Garments and Textiles
100	Kanchiyar	aswathy mohan	Garments and Textiles
101	Kanchiyar	ammuni raju	Garments and Textiles
102	Kanchiyar	sindhu chandrasekharan	Garments and Textiles
103	Kanchiyar	radha surendran	Garments and Textiles
104	Kanchiyar	sulojana sivan	Garments and Textiles
105	Kanchiyar	anoop	Garments and Textiles
106	Kanchiyar	nidhi	Garments and Textiles
107	Kanchiyar	resmi viswanadhan	Garments and Textiles
108	Kanchiyar	rajesh	Garments and Textiles
109	Vazhathope	Jinu Symon Jacob	Garments and Textiles
110	Kudayathoor	seeja nizar	Garments and Textiles
111	Bisonvalley	selvi poulose	Garments and Textiles
112	Bisonvalley	asha rejimon	Garments and Textiles
113	Kudayathoor	rejani sunil	Garments and Textiles
114	Bisonvalley	sumathi easwaran	Garments and Textiles
115	Kattappana (M)	SINDHU P S	Garments and Textiles
116	Kudayathoor	ASHA VIKRAMAN	Garments and Textiles
117	Adimali	SHEEJAMOL JEORGE	Garments and Textiles
118	Velliyamattom	Abdul Basheer	Medical/ Hospital equipments, Medical Labs
119	Adimali	raji	Garments and Textiles
120	Vazhathope	Bindu Biju	Garments and Textiles
121	Vazhathope	Pushpa Mani	Garments and Textiles
122	Velliyamattom	Sheela Balakrishnan	Garments and Textiles
123	Vazhathope	Mini Wilson	Garments and Textiles
124	Peerumade	pushpa babu	Garments and Textiles
125	Velliyamattom	Anjana Radhakrisnan	Garments and Textiles
126	KUMARAMANGA LAM	Jisha K R	Garments and Textiles
127	KUMARAMANGA LAM	Sunimol	Garments and Textiles
128	Marayoor	jayabindhu	Garments and Textiles
129	Kudayathoor	SANDHYA SUMIT	Garments and Textiles
130	Kudayathoor	MINI SHAJI	Garments and Textiles
131	KUMARAMANGA LAM	Siliya Abbas	Garments and Textiles
132	Kudayathoor	VEENA	Garments and Textiles
133	KUMARAMANGA LAM	Tincy Joseph	Drugs and Pharmaceuticals including Ayurveda
134	KUMARAMANGA LAM	Ambika Rajan	Garments and Textiles
135	Muttom	Jinu Babu	Garments and Textiles
136	Vathikudy	Deepa Biju	Garments and Textiles
137	Elappara	Vijimol K.R	Garments and Textiles
138	Vannappuram	DEEPA SHIBU	Garments and Textiles
139	Vannappuram	RASIYA HANEEFA	Garments and Textiles
140	Velliyamattom	sinimol	Garments and Textiles
141	Kodikkulam	SHENIJA SUGATHAN	Garments and Textiles

<b>Slno</b>	<b>Panchayath</b>	<b>Name of Owner</b>	<b>Sector of Enterprise</b>
142	Karimannoor	MANJIMA KRISHNAKUMAR	Garments and Textiles
143	Karimannoor	SIGIMOL THOMAS	Drugs and Pharmaceuticals including Ayurveda
144	Velliyamattom	Susi Monsi	Garments and Textiles
145	Elappara	Bindu roy	Garments and Textiles
146	Muttom	Sanitha Bijoy	Garments and Textiles
147	Kumily	Murugan A	Garments and Textiles
148	Adimali	BINCY JOLLY	Garments and Textiles
149	Kumily	Sajitha	Garments and Textiles
150	Kumily	Shintu Gopy	Garments and Textiles
151	Kumily	Vijaya Kumari	Garments and Textiles
152	Kumily	Jameela	Garments and Textiles
153	Kumily	Neethu	Garments and Textiles
154	Kumily	Vanitha	Garments and Textiles
155	Kumily	Ansalna	Garments and Textiles
156	Kumily	Priya	Garments and Textiles
157	Kokkayar	Rosamma Lorance	Garments and Textiles
158	Munnar	Bharathe Selvaraj	Garments and Textiles
159	Kumily	Bincy Peter	Garments and Textiles
160	Munnar	Hathisha H	Garments and Textiles
161	Adimali	Aswathy P T	Garments and Textiles
162	Munnar	Shiny Saji	Garments and Textiles
163	Munnar	M Mahalakshmi	Garments and Textiles
164	Munnar	Manjumani M	Garments and Textiles
165	Munnar	Girija Sasi	Garments and Textiles
166	Munnar	JANCY	Garments and Textiles
167	EDAVETTY	Jincy Sudheer	Garments and Textiles
168	Vellathooval	dr muhhamd anad	Drugs and Pharmaceuticals including Ayurveda
169	Velliyamattom	Sumathy KN	Garments and Textiles
170	Vellathooval	priya mol	Drugs and Pharmaceuticals including Ayurveda
171	Ayyappancovil	Suma chandran	Garments and Textiles
172	Vellathooval	josiphas jaims	Drugs and Pharmaceuticals including Ayurveda
173	Pallivasal	shynas rahim	Garments and Textiles
174	Velliyamattom	Manju Baby	Garments and Textiles
175	Kumily	Azhakesh	Garments and Textiles
176	Vandiperiyar	MAHESHWARI V	Medical/ Hospital equipments, Medical Labs
177	Vandiperiyar	T RAMRAJ	Garments and Textiles
178	Chakkupallam	MOLLY KUTTAN	Garments and Textiles
179	Vandiperiyar	SINO MATHEW	Garments and Textiles
180	Vandiperiyar	JASILA	Garments and Textiles
181	Chinnakkanal	Daisy shaji	Garments and Textiles

<b>Slno</b>	<b>Panchayath</b>	<b>Name of Owner</b>	<b>Sector of Enterprise</b>
182	Purappuzha	JISHA AJI	Garments and Textiles
183	Kudayathoor	shameer p e	Garments and Textiles
184	Idukki-Kanjikuzhy	Bindu Chellappan	Garments and Textiles
185	Purappuzha	ALICE JOSE	Garments and Textiles
186	Upputhara	MOLLAMMA RAJEEV	Garments and Textiles
187	Adimali	lekshmikkutty kunjumon	Garments and Textiles
188	Udumbannoor	Suloochana Ramankutty	Garments and Textiles
189	Udumbannoor	Syaranya T T	Garments and Textiles
190	Vazhathope	Simol Mani	Garments and Textiles
191	Alacode	Alice	Garments and Textiles
192	Munnar	Sudhanthira.devi.R	Garments and Textiles
193	Munnar	Sharanyadevi R	Garments and Textiles
194	Velliyamattom	Raji Biju	Garments and Textiles
195	Munnar	Raj Thilak	Garments and Textiles
196	Ayyappancovil	Karthika	Garments and Textiles
197	Ayyappancovil	simple	Garments and Textiles
198	Ayyappancovil	Jomini Antony	Garments and Textiles
199	Manakkad	JULIA SAJU	Garments and Textiles
200	Velliyamattom	SUSAMMA KURYAKOSE	Garments and Textiles
201	Adimali	leela nagan	Garments and Textiles
202	KUMARAMANGA LAM	Jins George	Drugs and Pharmaceuticals including Ayurveda
203	Udumbannoor	Asharaf K E	Garments and Textiles
204	Karimkunnam	Bindukumari P K	Garments and Textiles
205	Munnar	Kalai Selvi	Garments and Textiles
206	Manakkad	PRABHAKARAN T B	Garments and Textiles
207	Arakkulam	Jayasree T	Garments and Textiles
208	KUMARAMANGA LAM	Mary	Garments and Textiles
209	Vattavada	Amutha	Garments and Textiles
210	Alacode	Biju Samuvel	Garments and Textiles
211	Konnathady	Kavitha Biju	Garments and Textiles
212	Purappuzha	SHONA SISIL PHILIP	Garments and Textiles
213	Kumily	Nirmala Sadheeshan	Garments and Textiles
214	Kumily	Suganya Palmurugan	Garments and Textiles
215	Alacode	AFSAL SAITH	Garments and Textiles
216	Karimkunnam	Leena Joy	Garments and Textiles
217	Manakkad	MANJUSHA N. P	Garments and Textiles
218	Nedumkandom	Maya B	Garments and Textiles
219	Udumbannoor	Shanty Vincent	Garments and Textiles
220	Vazhathope	Regina	Garments and Textiles
221	Mankulam	Jancy Vimala	Garments and Textiles
222	Munnar	Chandra	Garments and Textiles
223	Velliyamattom	Remya Gireesh	Garments and Textiles
224	Kodikkulam	Aswathy Gopan	Garments and Textiles
225	Idukki-Kanjikuzhy	Lovley Tomy	Garments and Textiles

<b>Slno</b>	<b>Panchayath</b>	<b>Name of Owner</b>	<b>Sector of Enterprise</b>
226	Arakkulam	Bindhu R	Garments and Textiles
227	Vattavada	S M Murukan	Garments and Textiles
228	Arakkulam	Shiji Kannan	Garments and Textiles
229	Vazhathope	Bindhu Shaji	Garments and Textiles
230	Arakkulam	Lisy Jose	Garments and Textiles
231	Arakkulam	Athira Midhun	Garments and Textiles
232	Karimkunnam	Kamalakshy Vijayan	Garments and Textiles
233	Arakkulam	Anitha Soman	Garments and Textiles
234	Marayoor	Padmapriya	Garments and Textiles
235	Vannappuram	VINSON JOY	Garments and Textiles
236	Vannappuram	AHAMMED KABIR	Garments and Textiles
237	Kudayathoor	SAJESH	Garments and Textiles
238	Bisonvalley	hajitha ratheesh	Garments and Textiles
239	Senapathy	Jayseelan	Garments and Textiles
240	Vannappuram	ANITHA BIJU	Garments and Textiles
241	Nedumkandom	Jayamol Madhu	Garments and Textiles
242	EDAVETTY	Sebin Koyen	Medical/ Hospital equipments, Medical Labs
243	Nedumkandom	Vinesh Babu	Garments and Textiles
244	EDAVETTY	Sunitha	Garments and Textiles
245	Idukki-Kanjikuzhy	Ajitha Thomas	Garments and Textiles
246	Nedumkandom	Preetha Sudharshanan	Garments and Textiles
247	Kattappana (M)	MADHU KK	Drugs and Pharmaceuticals including Ayurveda
248	Muttom	Chithra K Nair	Garments and Textiles
249	Pampadumpara	ANJU RADHAKRISHNAN	Garments and Textiles
250	Nedumkandom	Sini Abraham	Garments and Textiles
251	Kokkayar	Dhanyamol C	Garments and Textiles
252	Devikulam	Kalaiselvi	Garments and Textiles
253	Kanchiyar	DELSON	Garments and Textiles
254	Devikulam	Palanisami	Garments and Textiles
255	Vannappuram	Sherefa Rafeek	Garments and Textiles
256	Adimali	DHANYA	Garments and Textiles
257	Devikulam	Bhagyam	Garments and Textiles
258	Ayyappancovil	thankaraj	Garments and Textiles
259	Muttom	Joby Joseph	Garments and Textiles
260	Kodikkulam	SHERIN THANKACHAN	Garments and Textiles
261	EDAVETTY	Sauda Mahin	Garments and Textiles
262	EDAVETTY	Nishana Nishad	Garments and Textiles
263	Ayyappancovil	Radha rajan	Garments and Textiles
264	Kokkayar	Molly byju	Garments and Textiles
265	Adimali	THAHIRA MOIDU	Garments and Textiles
266	Kodikkulam	Sujitha	Garments and Textiles
267	Kodikkulam	Ramy Rineesh	Garments and Textiles

<b>Slno</b>	<b>Panchayath</b>	<b>Name of Owner</b>	<b>Sector of Enterprise</b>
268	Kodikkulam	Manju Deepu	Garments and Textiles
269	Vazhathope	Celina	Garments and Textiles
270	Udumbannoor	Remya Shaibu	Garments and Textiles
271	Nedumkandom	Shaji Thomas	Garments and Textiles
272	Vannappuram	AMBILY A S	Garments and Textiles
273	Udumbannoor	Jincy Rajesh	Garments and Textiles
274	Munnar	Jyothimani Gandhi	Garments and Textiles
275	Chinnakkanal	Prema John	Garments and Textiles
276	Devikulam	Shobhana	Garments and Textiles
277	Chinnakkanal	Dhanalakshmi	Garments and Textiles
278	Chinnakkanal	Pradeep kumar	Garments and Textiles
279	Devikulam	Nagajothy	Garments and Textiles
280	Upputhara	SHEFEEQ M	Garments and Textiles
281	Erattayar	Monamma Thomas	Garments and Textiles
282	Velliyamattom	Jolly Biju	Garments and Textiles
283	Vazhathope	Shiji Shiju	Garments and Textiles
284	Adimali	shiny paul	Garments and Textiles
285	Vazhathope	Jolly Thomas	Garments and Textiles
286	Chinnakkanal	V.Vanitha	Garments and Textiles
287	Vathikudy	Thenalil dress world	Garments and Textiles
288	Marayoor	kaliyamma	Garments and Textiles
289	Kudayathoor	Thomas Joseph	Garments and Textiles
290	Adimali	Rasiya	Garments and Textiles
291	Kudayathoor	MURUKESHAN K	Garments and Textiles
292	Vandiperiyar	AISHWARYA	Garments and Textiles
293	Vandiperiyar	NABEESATH	Drugs and Pharmaceuticals including Ayurveda
294	Karimkunnam	Bindhu	Garments and Textiles
295	Kumily	Aboobakkar Sideeq	Medical/ Hospital equipments, Medical Labs
296	Kumily	Moly Albert	Garments and Textiles
297	Kokkayar	Ambili Rajesh	Garments and Textiles
298	Udumbannoor	Smitha Sudheesh	Garments and Textiles
299	Vandiperiyar	RANI	Garments and Textiles
300	Kumily	Radhika Devi	Garments and Textiles
301	Vellathooval	pushpa somarajan	Garments and Textiles
302	Vellathooval	sudha anilkumar	Garments and Textiles
303	Elappara	Bincy varghese	Garments and Textiles
304	Ayyappancovil	Bitty alex	Garments and Textiles
305	Vazhathope	Bindu T Jose	Garments and Textiles
306	Vandanmedu	Shibu Varghese	Garments and Textiles
307	Kattappana (M)	RAJALAKSHMI	Garments and Textiles
308	EDAVETTY	Usha Soman	Garments and Textiles
309	Udumbannoor	Sunitha P S	Garments and Textiles
310	Arakkulam	Ravi G	Garments and Textiles
311	Vandiperiyar	SEEMA RAVI	Garments and Textiles

<b>Slno</b>	<b>Panchayath</b>	<b>Name of Owner</b>	<b>Sector of Enterprise</b>
312	KUMARAMANGA LAM	Anjana R	Garments and Textiles
313	Elappara	Antony AV	Drugs and Pharmaceuticals including Ayurveda
314	Ayyappancovil	Albin francis	Medical/ Hospital equipments, Medical Labs
315	Nedumkandom	Deepa Rajenthiran	Garments and Textiles
316	Munnar	Krishnasami	Garments and Textiles
317	Kanchiyar	Renu	Garments and Textiles
318	Pampadumpara	SANJEEVANI DENTAL CLINIC	Drugs and Pharmaceuticals including Ayurveda
319	Kattappana (M)	MATHEW	Garments and Textiles
320	Udumbannoor	Rabiya Basheer	Garments and Textiles
321	Vannappuram	SUNNY K GEORGE	Garments and Textiles
322	Karimannoor	SHEENA THOMAS	Garments and Textiles
323	Idukki-Kanjikuzhy	Geetha pushparajan	Garments and Textiles
324	Kanthalloor	BABITHA SUNDAR	Garments and Textiles
325	Kanthalloor	SHAINI SHIBU	Garments and Textiles
326	Karimannoor	SAJEELA NIZAR	Garments and Textiles
327	Vandiperiyar	AMINA	Garments and Textiles
328	Pampadumpara	GREESHMA GEORGE	Garments and Textiles
329	Kumily	Raseena	Garments and Textiles
330	Vathikudy	Mercy George	Garments and Textiles
331	Karimkunnam	Manju N K	Garments and Textiles
332	Peerumade	Sujatha Surendran	Garments and Textiles
333	Nedumkandom	Minimol Rajendran	Garments and Textiles
334	Purappuzha	Lyni P N	Garments and Textiles
335	Chakkupallam	DR NISHA ANNAMMA THOMAS	Medical/ Hospital equipments, Medical Labs
336	Kattappana (M)	tonykochukala	Garments and Textiles
337	Chinnakkanal	Maheswary	Medical/ Hospital equipments, Medical Labs
338	Udumbanchola	C Muthukumar	Garments and Textiles
339	Nedumkandom	AMBILY SUBHASH	Garments and Textiles
340	Pampadumpara	ARYA	Drugs and Pharmaceuticals including Ayurveda
341	Nedumkandom	Abijith Lal	Garments and Textiles
342	Nedumkandom	Shioji tomy	Garments and Textiles
343	Udumbannoor	Latha Chandran	Garments and Textiles
344	EDAVETTY	Saramma N P	Medical/ Hospital equipments, Medical Labs
345	Kudayathoor	MUHAMMAD P I	Garments and Textiles
346	Kattappana (M)	JAISON P	Medical/ Hospital equipments, Medical Labs
347	Kattappana (M)	manju santhosh	Garments and Textiles
348	Kanthalloor	SHINU ABRAHAM	Garments and Textiles
349	Vannappuram	TOMIN PAUL	Garments and Textiles

<b>Slno</b>	<b>Panchayath</b>	<b>Name of Owner</b>	<b>Sector of Enterprise</b>
350	Kumily	Sreejaya T A	Garments and Textiles
351	Vandiperiyar	SAJITHA MURUGAN	Garments and Textiles
352	Nedumkandom	Sanjith Kumar	Garments and Textiles
353	Vathikudy	shuba p s	Garments and Textiles
354	Nedumkandom	Sheela Babu	Garments and Textiles
355	Thodupuzha(M)	Mumthas Beevi	Garments and Textiles
356	Vathikudy	Marykutty Babu	Drugs and Pharmaceuticals including Ayurveda
357	Nedumkandom	Noushad	Garments and Textiles
358	Adimali	bindu biju	Garments and Textiles
359	Marayoor	Pushpavalli	Garments and Textiles
360	Munnar	Arumugathai	Garments and Textiles
361	Kudayathoor	HAMSA C I	Garments and Textiles
362	Kudayathoor	ANZAR	Garments and Textiles
363	Vannappuram	LISSI VINCENT	Garments and Textiles
364	Kanthalloor	VINIMOL	Garments and Textiles
365	Kodikkulam	Soumya Vinod	Garments and Textiles
366	Kanthalloor	MEGHALA	Garments and Textiles
367	Vandanmedu	Athira	Medical/ Hospital equipments, Medical Labs
368	Vandanmedu	Mani	Garments and Textiles
369	Vandanmedu	Rahul Raju	Garments and Textiles
370	Konnathady	Bindhu Siji	Garments and Textiles
371	Kanthalloor	SARANYA	Garments and Textiles
372	Vathikudy	minimol joseph	Garments and Textiles
373	Karimannoor	KEN JOHN FRANCIS	Drugs and Pharmaceuticals including Ayurveda
374	KUMARAMANGA LAM	Geethu Krishnan G	Drugs and Pharmaceuticals including Ayurveda
375	Thodupuzha(M)	ANILA	Garments and Textiles
376	Adimali	Alex thomas	Garments and Textiles
377	Adimali	shaimol roy	Garments and Textiles
378	Konnathady	JITHIN C K	Garments and Textiles
379	Vazhathope	Raji Ansil	Garments and Textiles
380	Vazhathope	Suleka Abdulsalam	Garments and Textiles
381	Vannappuram	GANGA SAJU	Garments and Textiles
382	Vannappuram	ALAN BABY	Garments and Textiles
383	Vazhathope	Shiny Varghese	Garments and Textiles
384	Udumbanchola	Saritha Madhu	Garments and Textiles
385	Udumbanchola	Maayan	Garments and Textiles
386	Vathikudy	Jibin thomas	Drugs and Pharmaceuticals including Ayurveda
387	Idukki-Kanjikuzhy	Vinod Jose	Garments and Textiles
388	Alacode	SEENA JOMON	Medical/ Hospital equipments, Medical Labs
389	Kattappana (M)	JITHIN BABU	Garments and Textiles

<b>Slno</b>	<b>Panchayath</b>	<b>Name of Owner</b>	<b>Sector of Enterprise</b>
390	Nedumkandom	Thankamma Kunjumon	Garments and Textiles
391	Konnathady	SUBHASHINI JOSHI	Garments and Textiles
392	Mankulam	Ancy Peter	Garments and Textiles
393	Munnar	Anitha	Garments and Textiles
394	Chakkupallam	JULIE SHIBU	Garments and Textiles
395	KUMARAMANGA LAM	Jessy Thomas	Drugs and Pharmaceuticals including Ayurveda
396	Velliyamattom	PREETHY RAJU	Garments and Textiles
397	Vellathooval	aleena	Drugs and Pharmaceuticals including Ayurveda
398	Konnathady	SHREENA RAMACHANDRAN	Drugs and Pharmaceuticals including Ayurveda
399	Kumily	C K Rasheed	Medical/ Hospital equipments, Medical Labs
400	Purappuzha	Priya Raju	Garments and Textiles
401	Muttom	Samma Joseph	Garments and Textiles
402	Elappara	ganeshan	Garments and Textiles
403	Velliyamattom	SALIM	Garments and Textiles
404	KUMARAMANGA LAM	Jameela Rahim	Garments and Textiles
405	Muttom	Bincy Thankachan	Garments and Textiles
406	Kattappana (M)	RINTU THOMAS	Drugs and Pharmaceuticals including Ayurveda
407	Muttom	Abhirami E S	Medical/ Hospital equipments, Medical Labs
408	Muttom	Sheela Thangachan	Garments and Textiles
409	Kattappana (M)	SARATH	Garments and Textiles
410	Vathikudy	Nissar E K	Garments and Textiles
411	Kattappana (M)	SRUTHY JOMY	Garments and Textiles
412	Adimali	Packiasamy	Garments and Textiles
413	Karimannoor	JOSE A V	Garments and Textiles
414	Kodikkulam	Indulekha	Garments and Textiles
415	Purappuzha	Shiji Reji	Garments and Textiles
416	Kattappana (M)	dennu shaji	Garments and Textiles
417	Karimkunnam	Joly Paul	Garments and Textiles
418	Vandanmedu	Jose George	Drugs and Pharmaceuticals including Ayurveda
419	Upputhara	ASHA LEO	Garments and Textiles
420	Kumily	Raheema K A	Medical/ Hospital equipments, Medical Labs
421	Karimkunnam	Akhila Paul	Garments and Textiles
422	Vattavada	Aiswarya	Garments and Textiles
423	Karimkunnam	Subin	Garments and Textiles
424	Vattavada	J Kamalakaran	Garments and Textiles
425	Udumbannoor	Ashamol K G	Garments and Textiles
426	Kumily	Remya Raveendran	Garments and Textiles
427	Purappuzha	Biji Thankachan	Garments and Textiles

<b>Slno</b>	<b>Panchayath</b>	<b>Name of Owner</b>	<b>Sector of Enterprise</b>
428	Pampadumpara	SEBASTIAN JOSEPH	Medical/ Hospital equipments, Medical Labs
429	Kattappana (M)	SAJI THADATHIL	Medical/ Hospital equipments, Medical Labs
430	Chakkupallam	PRAVEEN LAL	Medical/ Hospital equipments, Medical Labs
431	Udumbannoor	Subash	Medical/ Hospital equipments, Medical Labs
432	Vannappuram	RASHEED P A	Medical/ Hospital equipments, Medical Labs
433	Velliyamattom	SABEENA NASAR	Garments and Textiles
434	Karimkunnam	Lissy Sunny	Garments and Textiles
435	Karimkunnam	Mercy James	Garments and Textiles
436	Purappuzha	Lucy John	Garments and Textiles
437	Purappuzha	Binny Sebastian	Garments and Textiles
438	Karimannoor	SREEKALA K K	Garments and Textiles
439	Alacode	SHERLY SABU	Garments and Textiles
440	Alacode	SEENATH RAHIM	Garments and Textiles
441	Alacode	PHILOMINA MATHAI	Garments and Textiles
442	Muttom	Priya Chacko	Garments and Textiles
443	Velliyamattom	Joicy Jose	Garments and Textiles
444	Velliyamattom	ALICE JOSE	Garments and Textiles
445	Vathikudy	Abhijith k thomas	Garments and Textiles
446	Vazhathope	Sini Jobi	Garments and Textiles
447	Karimkunnam	Sathi Sisupalan	Garments and Textiles
448	Kattappana (M)	carolin honey	Garments and Textiles
449	Nedumkandom	BINDU	Garments and Textiles
450	Kattappana (M)	JJO GEORGE	Medical/ Hospital equipments, Medical Labs
451	Kattappana (M)	NISSAM	Garments and Textiles
452	Kumily	Jju S R	Medical/ Hospital equipments, Medical Labs
453	Munnar	SUDAKAR	Garments and Textiles
454	KUMARAMANGA LAM	Renjitha Vinoj	Garments and Textiles
455	Vandiperiyar	D S Gnanaraj	Garments and Textiles
456	Vattavada	Selvaraj	Garments and Textiles
457	Marayoor	Mary joseph	Garments and Textiles
458	Kumily	Dilshad M	Medical/ Hospital equipments, Medical Labs
459	Udumbanchola	Ramani Rajan	Garments and Textiles
460	Kattappana (M)	ALBIN	Garments and Textiles
461	Ayyappancovil	Mini Reji	Garments and Textiles
462	Vazhathope	Shiny	Garments and Textiles
463	Vazhathope	Stebin	Garments and Textiles
464	Muttom	Swpna Vinod	Garments and Textiles

<b>Slno</b>	<b>Panchayath</b>	<b>Name of Owner</b>	<b>Sector of Enterprise</b>
465	Konnathady	SANTHAKUMARI SABU	Garments and Textiles
466	Adimali	preetha reji	Medical/ Hospital equipments, Medical Labs
467	Konnathady	ANOOP THOMAS	Garments and Textiles
468	Konnathady	KESIYA YESUDAS	Garments and Textiles
469	Alacode	RASHEEDA RASAK	Garments and Textiles
470	Konnathady	Dr SHIJO K JOSEPH	Medical/ Hospital equipments, Medical Labs
471	Karimannoor	ANOOP THANKAPPAN	Garments and Textiles
472	Vandiperiyar	Naseema	Garments and Textiles
473	Chinnakkanal	Bagyalakshmi	Garments and Textiles
474	Nedumkandom	Arya Ramachandran	Drugs and Pharmaceuticals including Ayurveda
475	Bisonvalley	sunitha ratheesh	Garments and Textiles
476	Upputhara	HEMANTH FRANCIS	Drugs and Pharmaceuticals including Ayurveda
477	Kanchiyar	Sudha shijo	Garments and Textiles
478	Marayoor	Saraswathy	Garments and Textiles
479	KUMARAMANGA LAM	Aji Paul	Medical/ Hospital equipments, Medical Labs
480	Kattappana (M)	Neena	Garments and Textiles
481	Marayoor	Muneeshwary	Garments and Textiles
482	Kokkayar	Sindya Vishubharathan	Garments and Textiles
483	Kokkayar	Aswathi Sujesh	Garments and Textiles
484	Konnathady	VIJI SATHEESAN	Garments and Textiles
485	Vazhathope	Bharathi Charandran	Garments and Textiles
486	Kokkayar	Bindu Shibu	Garments and Textiles
487	Pampadumpara	RAJIMOL RAJU	Garments and Textiles
488	KUMARAMANGA LAM	Vasudevan K S	Garments and Textiles
489	Kumily	Sukanniya S	Garments and Textiles
490	Alacode	SHAINY SURESH	Garments and Textiles
491	Vathikudy	Jose Paulose	Garments and Textiles
492	Vathikudy	Elsamma Joseph	Garments and Textiles
493	Pampadumpara	MALEEKHA BEEGAM	Garments and Textiles
494	Munnar	SELVI	Garments and Textiles
495	Pampadumpara	KRISHNENDHU RAJENDRAN	Garments and Textiles
496	Pampadumpara	HASEENA A	Garments and Textiles
497	Idukki-Kanjikuzhy	Rincy Mathew	Garments and Textiles
498	Marayoor	Jesuthas	Garments and Textiles
499	Munnar	SHARAFUDHEEN	Garments and Textiles
500	Velliyamattom	Josmy Noble	Garments and Textiles
501	Kanchiyar	Jibin Thomas	Drugs and Pharmaceuticals including Ayurveda

<b>Slno</b>	<b>Panchayath</b>	<b>Name of Owner</b>	<b>Sector of Enterprise</b>
502	Marayoor	D maheswary	Garments and Textiles
503	Karimannoor	ELSIN MARIYA BABY	Medical/ Hospital equipments, Medical Labs
504	Rajakkad	SHALAIJA JINESH	Garments and Textiles
505	Vazhathope	Satheesh	Garments and Textiles
506	Nedumkandom	Beenamol P T	Garments and Textiles
507	Nedumkandom	Renjini Radhakrishnan	Garments and Textiles
508	Nedumkandom	Limiya Francis	Garments and Textiles
509	Nedumkandom	Sandhyamol MS	Garments and Textiles
510	Nedumkandom	Sibara K N	Garments and Textiles
511	Udumbannoor	Lijo Globin	Garments and Textiles
512	Pallivasal	Lintu Ajayan	Garments and Textiles
513	Vathikudy	Liliykutty George	Garments and Textiles
514	Nedumkandom	Sini Vincent	Garments and Textiles
515	Nedumkandom	Beena Shaiju	Garments and Textiles
516	Vathikudy	Prince Jose	Garments and Textiles
517	Purappuzha	Arun Shaji	Garments and Textiles
518	Kokkayar	Lisamma Thankachan	Garments and Textiles
519	Nedumkandom	Jemili V Joseph	Garments and Textiles
520	Nedumkandom	Soumya Sanil	Garments and Textiles
521	Udumbannoor	Alan Kuriakose	Garments and Textiles
522	Kattappana (M)	PRAMOD	Garments and Textiles
523	Bisonvalley	Honey Siju	Garments and Textiles
524	Marayoor	Remya R	Garments and Textiles
525	Marayoor	Vijayalakshmi	Garments and Textiles
526	Marayoor	Surya	Garments and Textiles
527	Adimali	Aparna	Garments and Textiles
528	Kanchiyar	Jayaraj	Medical/ Hospital equipments, Medical Labs
529	Upputhara	ANU P BABU	Garments and Textiles
530	Karimannoor	THOMAS T S	Drugs and Pharmaceuticals including Ayurveda
531	Marayoor	Sangeetha	Garments and Textiles
532	Kodikkulam	Deepak Divakar	Drugs and Pharmaceuticals including Ayurveda
533	Devikulam	Nithya	Garments and Textiles
534	Pampadumpara	GRACY BAIJU	Garments and Textiles
535	Munnar	SANGEETHA	Garments and Textiles
536	Devikulam	Jancy rani	Garments and Textiles
537	Devikulam	Sundaramoorthy	Garments and Textiles
538	Devikulam	Selvi	Garments and Textiles
539	Devikulam	Joseph	Garments and Textiles
540	Devikulam	Valarmati	Garments and Textiles
541	Santhanpara	DR C Thirumalai kumar	Medical/ Hospital equipments, Medical Labs
542	Vazhathope	Alice Varghese	Garments and Textiles

<b>Slno</b>	<b>Panchayath</b>	<b>Name of Owner</b>	<b>Sector of Enterprise</b>
543	KUMARAMANGA LAM	Juna Joy	Medical/ Hospital equipments, Medical Labs
544	Kumily	Ambili	Garments and Textiles
545	Udumbannoor	Laila Salim	Garments and Textiles
546	Udumbannoor	Aji Sumod	Garments and Textiles
547	Vathikudy	Rajesh M S	Garments and Textiles
548	Adimali	Salini	Garments and Textiles
549	Adimali	Bincy	Medical/ Hospital equipments, Medical Labs
550	Nedumkandom	Tiji Biju	Garments and Textiles
551	Karimkunnam	Kumari K P	Garments and Textiles
552	Karimannoor	SUFAL PIOUS	Drugs and Pharmaceuticals including Ayurveda
553	Bisonvalley	Nisha CT	Garments and Textiles
554	Kattappana (M)	mini thomas	Garments and Textiles
555	Bisonvalley	Sreeja rajeevan	Garments and Textiles
556	Kattappana (M)	K GEES	Garments and Textiles
557	Karimannoor	MINI SAJU	Garments and Textiles
558	Kattappana (M)	SOUMYA AJESH KUMAR	Garments and Textiles
559	Kattappana (M)	ALIYAMMA	Garments and Textiles
560	Nedumkandom	Tirosh George	Drugs and Pharmaceuticals including Ayurveda
561	Nedumkandom	Divya K Unni	Garments and Textiles
562	EDAVETTY	Regeena Jaffar	Garments and Textiles
563	Idukki-Kanjikuzhy	Manoj Mathew	Garments and Textiles
564	EDAVETTY	Ansy A K	Garments and Textiles
565	EDAVETTY	Sini Babu	Garments and Textiles
566	EDAVETTY	Sajna Rishad	Garments and Textiles
567	Vannappuram	JISHAMOL P C	Medical/ Hospital equipments, Medical Labs
568	Munnar	MARIYAMMAL M	Garments and Textiles
569	Munnar	VIJAY P	Garments and Textiles
570	Upputhara	secretary cooperative hospital	Medical/ Hospital equipments, Medical Labs
571	Vannappuram	ANJU MATHEW	Garments and Textiles
572	Upputhara	ALANT T SHAJI	Medical/ Hospital equipments, Medical Labs
573	Udumbannoor	Rafiya Basheer	Garments and Textiles
574	Adimali	Thara saji	Garments and Textiles
575	Karimannoor	SALIHA K H	Garments and Textiles
576	Erattayar	Sophy Mathew	Medical/ Hospital equipments, Medical Labs
577	Konnathady	SARAMA JOSEPH	Garments and Textiles
578	Konnathady	SINDHOL SAJU	Garments and Textiles
579	Konnathady	SUBHA SURENDRAN	Garments and Textiles

<b>Slno</b>	<b>Panchayath</b>	<b>Name of Owner</b>	<b>Sector of Enterprise</b>
580	Konnathady	BINIMOL	Garments and Textiles
581	Konnathady	VIVISH JOSEPH	Garments and Textiles
582	Konnathady	SEENA SATHEESAN	Garments and Textiles
583	Kattappana (M)	NEENU MARIA JAMES	Garments and Textiles
584	Muttom	Kishore M	Garments and Textiles
585	Kattappana (M)	KAVITHA SHAJI	Garments and Textiles
586	Muttom	Dr. Daisy Jacob Mathews	Medical/ Hospital equipments, Medical Labs
587	Alacode	NIZAR ABDULKHADAR	Garments and Textiles
588	Muttom	Nilu Aby	Garments and Textiles
589	Vazhathope	Ramseena Jabbar	Garments and Textiles
590	Idukki-Kanjikuzhy	Remya Arun	Garments and Textiles
591	Santhanpara	Latha raju	Garments and Textiles
592	Kodikkulam	Dr. Lalissa Justin	Drugs and Pharmaceuticals including Ayurveda
593	Pallivasal	Divya Babu	Garments and Textiles
594	EDAVETTY	Saina Sudheer	Garments and Textiles
595	Munnar	VINOSHYA	Medical/ Hospital equipments, Medical Labs
596	Senapathy	Merin J Mathew	Medical/ Hospital equipments, Medical Labs
597	Vattavada	Nandakumar	Drugs and Pharmaceuticals including Ayurveda
598	Chinnakkanal	Selvi S	Garments and Textiles
599	Adimali	Nisha Sasi	Garments and Textiles
600	Vannappuram	IVY AJI	Garments and Textiles
601	Vannappuram	SHIJI SAJI	Garments and Textiles
602	Adimali	rincy sineesh	Garments and Textiles
603	Adimali	neethu binu	Garments and Textiles
604	Udumbanchola	Jimcy James	Garments and Textiles
605	Vannappuram	SUNNY JOSEPH	Medical/ Hospital equipments, Medical Labs
606	Vannappuram	smitha sibi	Garments and Textiles
607	Muttom	Appu Mohanan	Medical/ Hospital equipments, Medical Labs
608	Bisonvalley	pushpa	Garments and Textiles
609	Pampadumpara	mini tomy	Garments and Textiles
610	Nedumkandom	Ravi	Medical/ Hospital equipments, Medical Labs
611	Nedumkandom	Rony Joseph	Medical/ Hospital equipments, Medical Labs
612	Kattappana (M)	SHIBANA	Garments and Textiles
613	Vattavada	Divya S	Garments and Textiles
614	Karimannoor	DIVYA RAJAN	Medical/ Hospital equipments, Medical Labs

<b>Slno</b>	<b>Panchayath</b>	<b>Name of Owner</b>	<b>Sector of Enterprise</b>
615	Munnar	ANUSHA	Garments and Textiles
616	Bisonvalley	seena	Garments and Textiles
617	Vellathooval	Subimol	Drugs and Pharmaceuticals including Ayurveda
618	Devikulam	Gayathiri	Garments and Textiles
619	Santhanpara	Hanifa	Drugs and Pharmaceuticals including Ayurveda
620	Devikulam	Merina mary	Garments and Textiles
621	Vannappuram	SHIBY LEONS	Garments and Textiles
622	Upputhara	SHIN LAL	Medical/ Hospital equipments, Medical Labs
623	Konnathady	JISHAMOL GEORGE	Garments and Textiles
624	Konnathady	ANICEMOL	Garments and Textiles
625	Munnar	CHITHRA	Garments and Textiles
626	Kattappana (M)	RAJI	Garments and Textiles
627	EDAVETTY	Subair V S	Garments and Textiles
628	Munnar	SATHYA	Garments and Textiles
629	Munnar	MALLIKA	Garments and Textiles
630	Adimali	Valsa Paulose	Garments and Textiles
631	Munnar	SARASWATHI DEVI	Garments and Textiles
632	Adimali	treesa kannan	Garments and Textiles
633	Idukki-Kanjikuzhy	BIJU JOSEPH	Garments and Textiles
634	Konnathady	MINI AJI	Garments and Textiles
635	Munnar	MALA M	Garments and Textiles
636	Vattavada	Venkatesh G	Garments and Textiles
637	Vazhathope	Sobhana Rajan	Garments and Textiles
638	Vazhathope	Julie George	Medical/ Hospital equipments, Medical Labs
639	Vathikudy	daisy gigi	Garments and Textiles
640	Konnathady	SHARIMOL K T	Garments and Textiles
641	Vellathooval	Shylamma kv	Garments and Textiles
642	Idukki-Kanjikuzhy	preethy roy	Garments and Textiles
643	Nedumkandom	Anjima Biju	Garments and Textiles
644	Karimannoor	RASHEEDA NAZAR	Garments and Textiles
645	Vandanmedu	Anu Sunny	Drugs and Pharmaceuticals including Ayurveda
646	Kattappana (M)	saran	Garments and Textiles
647	Adimali	nijimol r	Garments and Textiles
648	Pallivasal	Bibisha Babu	Garments and Textiles
649	Vannappuram	SUNITHA SABU	Garments and Textiles
650	Pampadumpara	SABEENA ANSARI	Garments and Textiles
651	Manakkad	DIVYA M. P	Garments and Textiles
652	Muttom	Mridula M R	Drugs and Pharmaceuticals including Ayurveda
653	Muttom	Sabitha	Medical/ Hospital equipments, Medical Labs

<b>Slno</b>	<b>Panchayath</b>	<b>Name of Owner</b>	<b>Sector of Enterprise</b>
654	Idukki-Kanjikuzhy	vishnu p j	Garments and Textiles
655	Idukki-Kanjikuzhy	BINDHU REJI	Garments and Textiles
656	Idukki-Kanjikuzhy	ARYAMOL P R	Garments and Textiles
657	Nedumkandom	Anitha Dev	Garments and Textiles
658	Kanchiyar	Tamseera	Garments and Textiles
659	Pallivasal	unni gurukkal	Medical/ Hospital equipments, Medical Labs
660	Velliyamattom	Sumi Joseph	Garments and Textiles
661	Velliyamattom	Aswathy Akhil	Garments and Textiles
662	Velliyamattom	Aswathy Akhil	Garments and Textiles
663	Udumbannoor	Jalaja Shaji	Garments and Textiles
664	Kattappana (M)	LEKHA SAJI	Medical/ Hospital equipments, Medical Labs
665	Vannappuram	AKSA JOSE	Garments and Textiles
666	Kumily	Kunjumol Sudharshanan	Garments and Textiles
667	Nedumkandom	Joshny Thomas	Medical/ Hospital equipments, Medical Labs
668	Munnar	VIDHYA	Garments and Textiles
669	Kumily	Soniya	Garments and Textiles
670	Nedumkandom	Shaji Francis	Medical/ Hospital equipments, Medical Labs
671	Adimali	Mohammed azarueen	Garments and Textiles
672	Munnar	VINITHA	Garments and Textiles
673	Manakkad	AMBIKA	Garments and Textiles
674	Konnathady	AJI E P	Garments and Textiles
675	Kattappana (M)	YAQUB AHMED	Garments and Textiles
676	Kattappana (M)	SOBHANA SUDHEENDRAN	Garments and Textiles
677	Manakkad	SUDHA C R	Garments and Textiles
678	Adimali	Beena Ravi	Garments and Textiles
679	Santhanpara	Manju Prashanth	Garments and Textiles
680	Kattappana (M)	aiswarya p	Drugs and Pharmaceuticals including Ayurveda
681	Elappara	Ramla hassan	Garments and Textiles
682	Kattappana (M)	PILANCE JOSHY	Medical/ Hospital equipments, Medical Labs
683	Kattappana (M)	RINU RAJU	Garments and Textiles
684	Kattappana (M)	YAMIN M	Garments and Textiles
685	KUMARAMANGA LAM	Resmi Kuriakose	Garments and Textiles
686	KUMARAMANGA LAM	Raji Harish	Garments and Textiles
687	Kattappana (M)	ANN	Garments and Textiles
688	Adimali	nikitha tk	Garments and Textiles
689	KUMARAMANGA LAM	Rasheed C K	Garments and Textiles
690	Devikulam	Selvi	Garments and Textiles
691	Udumbannoor	Elsy Rajendran	Garments and Textiles
692	Devikulam	Anitha	Garments and Textiles

<b>Slno</b>	<b>Panchayath</b>	<b>Name of Owner</b>	<b>Sector of Enterprise</b>
693	Devikulam	Parvathi	Garments and Textiles
694	Chinnakkanal	Vanasundari	Garments and Textiles
695	Chinnakkanal	Jaya mery	Garments and Textiles
696	Chinnakkanal	Arun Pandy S	Medical/ Hospital equipments, Medical Labs
697	Vazhathope	Gracy Thankachan	Garments and Textiles
698	Nedumkandom	Jins Joseph	Garments and Textiles
699	Munnar	LENIN	Garments and Textiles
700	Munnar	SULOJANA	Garments and Textiles
701	Munnar	SREEDEVI	Garments and Textiles
702	Vazhathope	Sheeba Shahid	Garments and Textiles
703	Munnar	JAYAJYOTHI	Garments and Textiles
704	Chinnakkanal	Mahalaksmi	Garments and Textiles
705	Vannappuram	A S MANOJ	Garments and Textiles
706	Erattayar	Biyamma Shajudheen	Garments and Textiles
707	Erattayar	Leelamma Rajan	Garments and Textiles
708	Idukki-Kanjikuzhy	sari suneesh	Garments and Textiles
709	Idukki-Kanjikuzhy	Ruby Saji	Garments and Textiles
710	Karimannoor	ALPHONSA PAULOSE	Garments and Textiles
711	Velliyamattom	Jasmy	Garments and Textiles
712	Vandiperiyar	Lisa Sabu	Garments and Textiles
713	Kumily	Jancy John	Garments and Textiles
714	Marayoor	Dany Jose	Garments and Textiles
715	Arakkulam	Fransis Mathew	Garments and Textiles
716	Kodikkulam	Rajesh Krishnan	Drugs and Pharmaceuticals including Ayurveda
717	Erattayar	Mini Siby	Garments and Textiles
718	Arakkulam	Mariyaamma Daniel	Garments and Textiles
719	Vazhathope	Beena Thakachan	Garments and Textiles
720	Udumbanchola	Dr Vijayalakshmi	Medical/ Hospital equipments, Medical Labs
721	Manakkad	Shiji Mathew	Garments and Textiles
722	Munnar	SUMATHI	Garments and Textiles
723	Kanchiyar	Beena Roy	Garments and Textiles
724	Vannappuram	JINTO MATHEW MANAYIL	Medical/ Hospital equipments, Medical Labs
725	Nedumkandom	Ashik Asis	Garments and Textiles
726	Munnar	SUMATHI	Garments and Textiles
727	Elappara	Ambily	Garments and Textiles
728	Vazhathope	Rajitha S Sekhar	Garments and Textiles
729	Senapathy	Jebin Tomy	Drugs and Pharmaceuticals including Ayurveda
730	Muttom	Babu K T	Garments and Textiles
731	Pampadumpara	Jasmine Rishad	Garments and Textiles
732	Upputhara	MANOJ VARGHESE	Medical/ Hospital equipments, Medical Labs

<b>Slno</b>	<b>Panchayath</b>	<b>Name of Owner</b>	<b>Sector of Enterprise</b>
733	Kattappana (M)	VKV MEDICALS	Medical/ Hospital equipments, Medical Labs
734	Vandiperiyar	Shameela A M	Garments and Textiles
735	Kumily	Zareena Liyaqath	Garments and Textiles
736	Vathikudy	Niyas Naushad	Garments and Textiles
737	Upputhara	JAYARAJ	Medical/ Hospital equipments, Medical Labs
738	Kumily	Chinchu P Thankachan	Garments and Textiles
739	Udumbannoor	Sumiya T B	Garments and Textiles
740	Vannappuram	JAISE PAUL	Garments and Textiles
741	Vannappuram	SHEEBA P R	Garments and Textiles
742	Vellathooval	Lijo Manuel	Garments and Textiles
743	Kodikkulam	Service Co operative Bank Thod	Medical/ Hospital equipments, Medical Labs
744	Vannappuram	Valsa Reghu	Garments and Textiles
745	Vannappuram	VALSA RAVI	Garments and Textiles
746	Idukki-Kanjikuzhy	Beena Reji	Garments and Textiles
747	Devikulam	Remya A	Garments and Textiles
748	Vandiperiyar	Jaya	Garments and Textiles
749	Karimannoor	SREEJA SAJEEVAN	Garments and Textiles
750	Karimkunnam	Lissy	Garments and Textiles
751	Vannappuram	RESHMA RAMANAN	Medical/ Hospital equipments, Medical Labs
752	Devikulam	Simi sojo	Garments and Textiles
753	Marayoor	Sangeetha p s	Garments and Textiles
754	Vannappuram	SINI M G	Garments and Textiles
755	Bisonvalley	jaya shaji	Garments and Textiles
756	Udumbannoor	Vinson Joy	Garments and Textiles
757	Erattayar	Sobhana M K	Garments and Textiles
758	Marayoor	Sundari dorairaj	Garments and Textiles
759	Pampadumpara	Shini Saji	Garments and Textiles
760	Udumbannoor	Chandrakala Mohanan	Garments and Textiles
761	Rajakumary	Sunitha	Garments and Textiles
762	Idukki-Kanjikuzhy	Jayakumar P T	Garments and Textiles
763	Nedumkandom	Sunil Kumar	Garments and Textiles
764	Erattayar	Anitha Kumari P G	Garments and Textiles
765	Santhanpara	soumya	Garments and Textiles
766	Vannappuram	JISHAMOL P C	Medical/ Hospital equipments, Medical Labs
767	Vandanmedu	Subin John	Garments and Textiles
768	Vandanmedu	Asha Samuel	Garments and Textiles
769	Velliyamattom	Asharaf Abubakkar	Garments and Textiles
770	Pampadumpara	Jaicy P Jose	Medical/ Hospital equipments, Medical Labs
771	Vathikudy	Jose Augusthy	Garments and Textiles
772	Vathikudy	sreeja shiju	Garments and Textiles

<b>Slno</b>	<b>Panchayath</b>	<b>Name of Owner</b>	<b>Sector of Enterprise</b>
773	Marayoor	Ajeesh George	Garments and Textiles
774	Elappara	Ruby	Garments and Textiles
775	Vellathooval	Shiji jayan	Garments and Textiles
776	Vellathooval	Anitha biju	Garments and Textiles
777	Elappara	Bindu Vinod	Garments and Textiles
778	Velliyamattom	Greeshma	Garments and Textiles
779	Konnathady	SAJINI RAJU	Garments and Textiles
780	Udumbanchola	M Raju	Garments and Textiles
781	Udumbanchola	Jinumol Mathew	Garments and Textiles
782	Devikulam	Dhanalakshmi	Garments and Textiles
783	Kodikkulam	Sindhu Ratheesh	Garments and Textiles
784	Kodikkulam	Simi Suresh	Garments and Textiles
785	Purappuzha	shalini ks	Garments and Textiles
786	Pampadumpara	MUTHUKUMAR	Garments and Textiles
787	Devikulam	Asha	Garments and Textiles
788	Devikulam	Ayyammal	Garments and Textiles
789	Chakkupallam	PRASEEDA JAISON	Garments and Textiles
790	Chakkupallam	SOPHY JACOB	Garments and Textiles
791	Kumily	Sugeertha	Garments and Textiles
792	Elappara	Jancy A S	Garments and Textiles
793	Vannappuram	ANUPA SHAJI	Garments and Textiles
794	KUMARAMANGA LAM	Ajumon Arun	Garments and Textiles
795	Karimannoor	SHIBY GEORGE	Garments and Textiles
796	Alacode	Lijin Jabbar	Garments and Textiles
797	KUMARAMANGA LAM	Thasni	Garments and Textiles
798	KUMARAMANGA LAM	Shajitha P A	Garments and Textiles
799	Kumily	Leena Manoj	Garments and Textiles
800	Kumily	Mini Ajesh	Garments and Textiles
801	Peerumade	Rajan j	Garments and Textiles
802	Vannappuram	SHYGI RAJENDRAN	Garments and Textiles
803	EDAVETTY	Soumy	Garments and Textiles
804	Kumily	Jayasree Sanilkumar	Garments and Textiles
805	Udumbannoor	Maria Caesar	Medical/ Hospital equipments, Medical Labs
806	Vannappuram	SHIJI SAJI	Garments and Textiles
807	Mariyapuram	NIMMY BABU	Medical/ Hospital equipments, Medical Labs
808	Vannappuram	SATHAR T H	Garments and Textiles
809	Karimannoor	SMITHA THOMAS	Garments and Textiles
810	Konnathady	ASWATHY K K	Garments and Textiles
811	Vannappuram	JESSINA RASHEED	Garments and Textiles
812	Purappuzha	Reji vs	Garments and Textiles
813	Vannappuram	NAJMI NIYAS	Garments and Textiles
814	Rajakkad	ANJALY	Garments and Textiles
815	Kanchiyar	Litta sebastian	Garments and Textiles
816	Vannappuram	NISHA V P	Garments and Textiles

<b>Slno</b>	<b>Panchayath</b>	<b>Name of Owner</b>	<b>Sector of Enterprise</b>
817	Vannappuram	TOM VARGHEESE	Garments and Textiles
818	Kattappana (M)	monisha sanish	Garments and Textiles
819	Bisonvalley	Sanju	Drugs and Pharmaceuticals including Ayurveda
820	Kumily	Priyadarshini	Garments and Textiles
821	Kanchiyar	Mayamol M V	Garments and Textiles
822	Manakkad	Resmi Binesh	Garments and Textiles
823	Udumbanchola	Sindhu KB	Drugs and Pharmaceuticals including Ayurveda
824	Kokkayar	Mumtas Najeeb	Garments and Textiles
825	Kamakshy	Manju Aneesh	Garments and Textiles
826	Kamakshy	Sasikala	Garments and Textiles
827	Purappuzha	SUDHA SHAJI	Garments and Textiles
828	Kanchiyar	Binu Jayan	Garments and Textiles
829	Rajakkad	SIMI SHAJI	Garments and Textiles
830	Nedumkandom	Jijo Paul	Garments and Textiles
831	Nedumkandom	Muhammad Salman	Garments and Textiles
832	Konnathady	SOUMYA JOJI	Garments and Textiles

#### **ADMINISTRATIVE & EMERGENCY SERVICES- CONTACT LIST**

<b>SL.NO</b>	<b>TALUK</b>	<b>OFFICEPHNO</b>
1	THODUPUZHA	4862222503
2	DEVIKULAM	486526431
3	PEERMADE	4869232077
4	UDUMBANCHOLA	4868232050
5	IDUKKI	4862235361
<b>SL.NO</b>	<b>POLICE STATION</b>	<b>PHONENO.</b>
1	THODUPUZHA	04862-222494
2	KARIMKUNNAM	04862-242336
3	KALIYAR	04862-245334
4	KARIMANNOOR	04862-262434
5	KANJAR	04862-252034
6	KULAMAVE	04862-259904
7	IDUKKI	04862-235229
8	MURIKASERRY	04862-263250
9	KANJIKUZHY	04862-239280
10	KARIMANAL	
11	MUNNAR	04865-230321
12	MARAYOOR	04865-252210
13	DEVIKULAM	04865-264225

14	SANTHANPARA	04868-247211
15	ADIMALY	04864-222145
16	RAJAKKAD	04868-242325
17	VELLATHOOVAL	04864-276254
18	KATTAPANA	04868-272263
19	VANDANMEDU	04862-277050
20	NEDUMKANDAM	04868-232045
21	CUMBUMMETTU	04868-279250
22	KUMILY	04869-222049
23	VANDIPERIYAR	04869-252244
24	PEERUMEDU	04869-232085
25	PERUVANTHANAM	04869-280347
26	UPPUATHARA	04869-244315

## TELEPHONE NUMBERS OF FIRE AND RESCUE DEPARTMENT IN IDUKKI

OFFICENAME	DESIGNATION	PHONENUMBERS
FIRE & RESCUE STATION PEERUMEDU	STATION OFFICER	4869232300
FIRE & RESCUE STATION NEDUMKANDAM	STATION OFFICER	4868233101
FIRE & RESCUE STATION ADIMLAY	STATION OFFICER	4864224101
FIRE & RESCUE STATION MOOLAMATTOM	STATION OFFICER	4862253101
FIRE & RESCUE STATION THODUPUZHA	STATION OFFICER	4862222911
FIRE & RESCUE STATION MUNNAR	STATION OFFICER	4865230290
FIRE & RESCUE STATION KATTAPANA	STATION OFFICER	4868272300
FIRE & RESCUE STATION IDUKKI	STATION OFFICER	4868272300

### CIVIL SUPPLIES CORPORATION

1	WAREHOUSE OFFICE THODUPUZHA	4862222592
2	DISTRICT SUPPLY OFFICER ,KUYILIMALA	4862232321
3	TALUK SUPPLY OFFICETHODUPUZHA	4862222515
4	TALUK SUPPLY OFFICE DEVIKULAM	4865264224
5	TALUK SUPPLY OFFICE UDUMBANCHOLA	4868232079
6	TALUK SUPPLY OFFICE PEERMADE	4869232066

### Contact points

District	DMO Office	Collectorate Control Room	DISHA
Idukki	0486 2233030	<b>Emergency Operations Center:</b> \ (04862-233111\ ) / \ (04862-233130\ ) / \ (9383463036\ )	1056