

MESSAGE OF PANCHAYAT PRESIDENT

Local Self Government Institutions have a crucial role in safeguarding the health and wellbeing of the community during public health emergencies and pandemics. The experiences from recent outbreaks and pandemics have highlighted the importance of preparedness, coordinated action, timely communication, and community participation in reducing the impact of such events.

This Pandemic Preparedness Plan has been developed to strengthen the preparedness of our Karukutty Grama Panchayat to effectively prevent, detect, respond to, and recover from public health emergencies. The plan has been prepared from our experiences in managing COVID-19 pandemic and other public health emergencies and adopts a One Health approach, recognizing the close interconnection between human health, animal health, and the environment in preventing and managing disease outbreaks. It also outlines the roles and responsibilities of various stakeholder departments, institutions, elected representatives, health workers, volunteers, and community organizations in ensuring a coordinated response.

The success of any such effort depends on the active collaboration between the various departments, organisations and the public. Special attention must be given to vulnerable groups including the elderly, children, persons with disabilities, and individuals with chronic illnesses. Our success in mitigating any such outbreaks and pandemics depends on the collective effort of all.

I sincerely appreciate the efforts of the Health Department in coordinating this major initiative involving Local Self Government across Kerala. I also appreciate the Medical Officer and other officials, healthcare workers, technical experts, and stakeholders who contributed to the preparation of this document. I am confident that this plan will serve as an important guide for strengthening local preparedness and resilience against future public health threats.

Let us work together to build a safer, healthier, and more resilient community.

Panchayat President

Karukutty Gramapanchayat

MESSAGE FROM MEDICAL OFFICER

Public health emergencies and pandemics remind us that health systems must always 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, coordinated response, and strong community participation are essential to reduce health risks and protect lives.

Kerala Health has taken this initiative for the last six months, build capacities of state, district and sub district level functionaries. Addl Chief Secretary conducted series of meetings with DSO, Epidemiologist along with the State Resource Team . This Pandemic Preparedness Plan has been developed to strengthen the readiness of our Grama Panchayat 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 plan follows 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 must also have surge preparedness plans which can be adopted quickly during a public health emergency.

Particular attention must also be 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.

I sincerely appreciate the leadership and support from our President and other elected representatives and the dedicated efforts of my health team and officers from other departments and community members who contributed to the preparation of this plan. I hope this document will serve as a practical guide for strengthening local resilience and ensuring a timely, effective, and compassionate response during public health emergencies.

Medical Officer

Karukutty Grampanchayat

GENERAL PROFILE OF THE LSGI'S

Background of the LSGI

KARUKUTTY Grama Panchayat is situated in the ANGAMALY of ERNAKULAM district,

Table 1: Background of LSGD

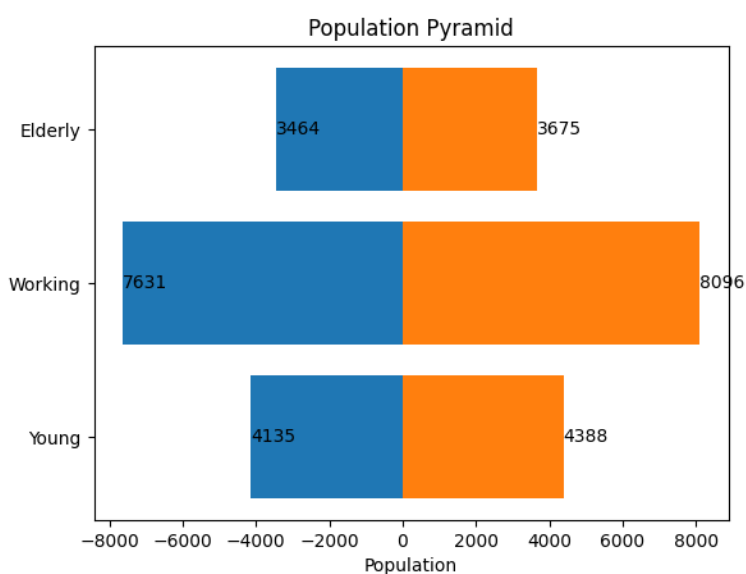
Description	Details
Name of LSGI	KARUKUTTY
Type (GP/Municipality / Corporation etc.)	Grama Panchayath
Block	ANGAMALY
District	ERNAKULAM
Number of wards	19
Total area (sq. km)	33.57
Population(Projected)	31389
Population density	935/sq km
Terrain (coastal/low-lying/backwaters/foothills, etc.)	NIL
Number of rivers passing through LSGI	1
Number of water bodies in the LSGI	36
Number of educational institutions	13
Factories / small-scale industries	18
Flood-prone wards	1
Landslide-prone wards	NIL
Death Management and Disposal Facilities (mortuaries/crematorium, including electric)	NIL
Auditoriums/Marriage halls/convention centres/community halls	18

Table 1: Background of LSGD

Description		Details
Description		Details (in numbers)
DEMOGRAPHIC PROFILE		
Total population		31389
Male		15230
Female		16159
Transgender		0
Children under 5		1228
Adolescent		7295
Elderly (>60)		7139
SOCIAL/LIVELIHOOD VULNERABILITY		
Previous EPEP family		70
BPL family		2199
Tribal communities		25
Migration	Immigrant	872
	Emigrant	
Socio-economically deprived		2199

Table 1: Background of LSGD

Description	Details
Fisherfolk	NIL
SC Community	1918
ST Community	25



A near-stationary population pyramid with large young and elderly groups indicates balanced growth with a high overall dependency burden

Clinical Vulnerability

Description	Details in numbers
Pregnant women	87
Lactating mothers	223
Bedbound patients	124
Patients under palliative care other than bedbound	4
Patients on Haemodialysis	4
Patients on CAPD	

Description	Details in numbers
Cancer patients (currently on treatment)	66
Haemophilic patients	4
Mentally challenged	109/ (80 Two care Home)
Differently abled	179
Diabetic patients	1307
Hypertensive patients	7624
TB patients	9

Major Festivals & Events specific to the LSGI
(with the possibility of a public gathering)

Sl. No.	Name of festival	Month detailing the periodicity
1	NIL	

Table 5. Health Facility Resource Summary								
Sl. no.	Health Facility	Type of Facility (MCH/GH/CHC/FHC/SC etc.)	Contact Number	Total beds	ICU Beds	Oxygen-Supported Beds	No. of Ventilator Support Beds	No. of ambulances
Government Healthcare Facilities								
	FHC PALISSERY	FHC	9048960602	0	0	0	0	1
Private Healthcare Facilities								
	APOLLO HOSPITAL		9738485250	300				2
AYUSH Healthcare Facilities								
	GOVT. DISPANSARI			0	0	0	0	0

Table 5. Health Facility Resource Summary								
Sl. no.	Health Facility	Type of Facility (MCH/GH/CHC/FHC/SC etc.)	Contact Number	Total beds	ICU Beds	Oxygen-Supported Beds	No. of Ventilator Support Beds	No. of ambulances

Private Clinics

Table 6. Private Clinic Resource Summary								
Sl No.	Name of Clinic	Registered (Y/N)	Clinic (General / Speciality)	Speciality (if any)	Address	Contact Number	Diagnostic Facility (Y/N)	Ambulance Linkage (Y/N)
1	CALLING BELL	N	GENERAL	NIL	EDAKKUNNU	9961910880	Y	N
2	STELLA MARIS	N	GENERAL	NIL	EDAKKUNNU	7592971532	Y	N
3	CALLING BELL	N	GENERAL	NIL	KARUKUTTY	7034220880	Y	N

Healthcare Education & Training Institutions

Category of Institution	Govt	Private	AYUSH	Total
Medical Colleges	NIL	NIL	NIL	NIL
Nursing Colleges	NIL	NIL	NIL	NIL
Dental Colleges	NIL	NIL	NIL	NIL
Para-medical / Allied Health	NIL	NIL	NIL	NIL
Pharmacy Colleges	NIL	NIL	NIL	NIL

Specialized Services & Emergency Inventory

Item	Govt	Private	AYUSH	Total
Hospital beds	NIL	300		
Oxygen-generating systems(Y/N)	NIL	Y		
Oxygen-supported beds(Numbers)	NIL	300		

Item	Govt	Private	AYUSH	Total
Ventilator-supported beds	NIL	5		
ICU beds	NIL	50		
Burns units	NIL	1		
Blood centres	NIL			
BLS ambulances	NIL			
ALS ambulances	NIL			
Dialysis facilities	NIL	Y		
Dispensaries	Y	Y		
Medical store	Y	Y		
Industrial establishments (Medium-scale industries/small-scale industries establishments to whom we can depend in a worst-case scenario)				

Oxygen & Diagnostic Capacity

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							
FHC PALISSERY	N	Y	Y	N	N	N	N

Diagnostics facility mapping at the LSGI level

Item	Govt	Private	AYUSH	Total
General labs	1	1	0	2

Microbiology labs	0	1	0	1
RT-PCR labs	0	1	0	1
USG units	0	1	0	1
CT/MRI units	0	1	0	1
Research labs	0	1	0	1
Labs of other departments that can be repurposed	0	1	0	1

Laboratory Identification & Basic Details

Sl. No.	Name of Laboratory	Ownership (Govt / Private / Academic)	Address	Contact No.	24×7 Services (Yes/No)	NABL / Govt Approved (Yes/No)
1	Life Line	Private	Karayampar ambu	9447636970	No	No
2	Neethi Medilab	Private	Karayampar ambu	7034308110	No	Yes
3	Neethi Medi Lab	Private	Edakkunnu	7034633780	No	Yes
4	CALLING BELL	Private	Edakkunnu	9961910880	No	No
	STELLA MARIS	Private	Edakkunnu	7592971532	No	No
5	CALLING BELL	Private	Karukutty	7034220880	No	No
6	DDRC Aligus	Private	Karukutty	9778811726	No	Yes

Social and Community Infrastructure for surge plan

Category	Total Count	Ward	Est. Capacity (Persons)	Contact details
Educational Institutions				
Anganwadis	24		265	
Schools	11		4234	
Colleges	1		2270	
Healthcare Educational Institutions				
Medical colleges (Govt/Private)	Nil			

Nursing colleges (Govt/Private)	Nil			
Dental colleges (Govt/Private)	Nil			
Paramedical institutes (Govt/Private)	Nil			
Community Gathering Spaces				
Community halls	1			
Auditoriums	17			
Religious buildings	20			
Vulnerable Group Support Facility				
Destitute homes	0			
Elderly homes	9			
LSGD owned other buildings	1			
Mass Fatality Management (MFM) Infrastructure				
Mortuary	Nil			
Crematorium	Nil			

*refer annexure 1 for contact details

Human resources

Medical & Clinical Personnel

Cadre	Govt (No.)	Private (No.)	Total
Doctors—Modern Medicine	2	165	167
Doctors – AYUSH	1	3	4
Doctors – Veterinary	1	0	1
Doctors – Dental	0	9	9
Nursing officers	1	320	321

Lab technicians	1	5	6
Optometrist	0	1	1
Pharmacists	2	12	14
Psychologists	0	1	1
Counsellors	0	1	1

Public Health & Field-Level Workforce

Cadre	Health services	Municipal common services	Total
HS (Health Supervisors)	0	0	0
HI (Health Inspectors)	1	0	1
LHS (Lady Health Supervisor)	0	0	0
LHI (Lady Health Inspectors)	0	0	0
JPHN (Jr Public Health Nurses)	5	0	5
JHI (Jr Health Inspectors)	2	0	2
MLSP (Mid-Level Service Providers)	5	0	5
Palliative Nurses	1	0	1
RBSK Nurses	1	0	1
PRO	0	0	0
Epidemiologist	0	0	0
Data Manager	0	0	0

Community & Support Cadre

Cadre	Number
ASHA Workers	17
AWW (Anganwadi Workers)	24
Emergency Medical Volunteers (Trained)	23
Kudumbashree	154
MNREGS	694
Purusha Swayam Sahaya Sangham	0
Ex-Servicemen	4
Retired Police Officers	
NCC/NSS Volunteers	
Red Cross volunteers	
One Health Community Volunteers	
One Health Community Mentors	

Community Organizations

Category	Total Count
NGOs	4
Religious based organizations	3
Foreign based organizations	0
Sports Club/youth clubs	11

Category	Total Count
Kudumbashree SHGs	154
Ayalkootams	-
Political organizations	11
Residential organizations	15

Administrative & Emergency Services

Category	Total Count	Contact details
Police Stations	0	0484-2623550 (Nearest)
Fire & Rescue Stations	0	0484-2206131 (Nearest)
Water Pumping Points	3	9846053007
Public Distribution System (PDS)	11	9846748599 Shaju P P

Information regarding resources

Means of transportation	Total Count
JCB	3
Crane	3
Heavy Trucks	1
Tractor	1
Ambulances	4
Mobile mortuaries	2
Boats	0
Taxi service	2

Animal & Bird Population

Category	Item	Estimated Population	Wards
Animal Population	Livestock (Cattle/Goats/Buffalo)	1333/1103/274	
	Pet Animals (Dogs/Cats)	1200	
	Stray Dog Population	244	
	Pig Farms (Number of heads)	127	
	Small Units (Sheep / Goats – clustered)	0	
Bird Population	Poultry Units (Birds)		
	Poultry- (FOWL)	727942	
	Wild/Migratory Birds (Observed)		
	Crow Mortality Events (Reported)	Nil	

Veterinary Infrastructure

Facility Type	Name of Facility	Ownership Govt / Pvt	Location(Ward No)	Contact number
Veterinary Dispensary	Govt Veterinary Dispensary	Govt	10	9895951139
Veterinary Hospital / Polyclinic	NIL			
Private Veterinary Clinics	NIL			
Mobile / Emergency Vet Service (incl. night services)	NIL			
Pet Homes / Animal Shelters	NIL			
Slaughterhouse-linked Veterinary Inspection Unit	NIL			

Veterinary Doctors & Workforce

Category	Number Available	Type (Govt/Pvt)	Contact number
Government Veterinary Doctors	1	Govt	9895951139
Private Veterinary Doctors	0	-	-
Livestock Inspectors	2	Govt	9400041710
Para-veterinary Staff / Attenders	1	Govt	
Contract / On-call Veterinary Support (if any)	0		

High-Risk Interface Points (Surveillance Sites)

Type of Habitat	Type of High risk interface	Geographical vulnerability
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Wetlands & Backwaters	Nil	
Backyard Poultry Farms	Nil	
Cattle Sheds near Water Bodies	Nil	
Fish & Meat Markets	Nil	
Community Slaughter Sites	Nil	
Migratory Bird Congregation Areas	1	Forest area
Rodent-Infested Grain Storage	Nil	

Category	Total Count	Key Locations (wards)
Poultry Farms	10	
Backyard / Clustered Poultry Units	0	
Duck Rearing Units (open water access)	0	
Slaughterhouses/ Slaughter Points	0	
Meat/Fish Markets	0	
Live Bird Sale Points	0	
Cattle Markets / Weekly Animal Fairs	0	
Pet Shops / Breeders	0	
Animal Shelters / Pet Homes	0	
Waste Disposal Sites near Animal Units	0	

Environmental Risk Mapping

Risk Factor	High-Risk Wards	Key Locations	Risk Level (High/Med/Low)
Flood-prone areas	1	Near River	Low
Water bodies/wetlands	27		
Solid waste accumulation	0		
Animal waste disposal issues	0		
Rodent infestation zones	6		
Industrial effluent discharge	0		
Construction sites / abandoned buildings	16,3,3	Discontinued institution	Low
Poor drainage/blocked canals	2		
Drinking water source contamination risk	0		

Disease Seasonality Mapping

Disease	Peak Risk Season	Key Drivers	High-Risk Locations	Surveillance Focus
Avian Influenza	Nil			
Leptospirosis	April- May			
Dengue/Chikungunya	May – June			
Acute Diarrheal Diseases	Oct - Nov			
Rabies	Nil			
Anthrax (rare)	Nil			

Vulnerability Mapping

Vulnerability Factor	High-Risk Wards	Key Groups / Locations	Risk Level
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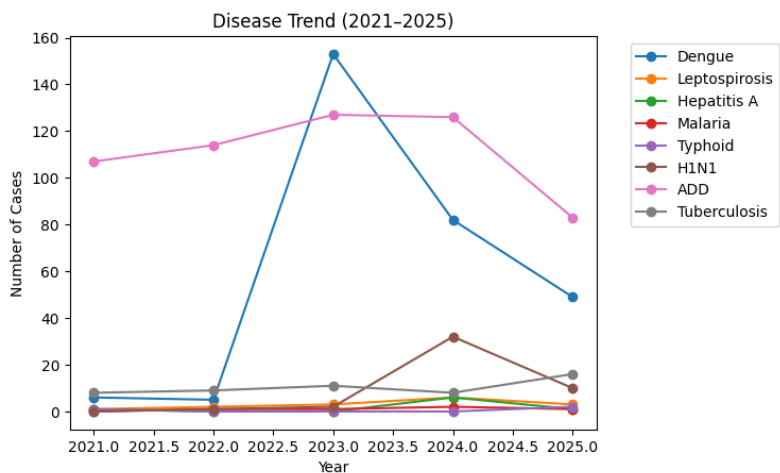
Flood-prone households	8		Low
Wetland-adjacent communities	0		
Backyard poultry / duck rearing households	0		
Livestock-rearing households	0		
Slaughterhouse & meat market workers	0		
Fisherfolk & fish market workers	0		
Sanitation workers	41		
Daily wage / migrant workers	694		
Elderly & chronically ill populations	1037		
Pregnant Women	87		
Children (schools, Anganwadi's)	4699		
Limited access to safe water & sanitation			

EPIDEMIOLOGICAL TRENDS (2021–2025)

Disease Burden among human beings(Last 5 Years)

Disease	2021	2022	2023	2024	2025	Trend(Increasing/Stable/Decreasing)
Dengue	6	5	153	82	49	Decreasing
Leptospirosis	1	2	3	6	3	Decreasing
Hepatitis A	1	0	0	6	1	Decreasing
Malaria	0	1	1	2	1	Decreasing
Scrub Typhus	0	0	0	0	0	Stable
Typhoid	1	0	0	0	2	Increasing
H1N1	0	1	2	32	10	Decreasing
H3N2	0	0	0	0	0	Stable
ADD	107	114	127	126	83	Decreasing
Mumps	0	0	0	0	0	Stable

Measles	0	0	0	0	0	Stable
Hepatitis B	0	0	0	0	0	Stable
Hepatitis C	0	0	0	0	0	Stable
Tuberculosis	8	9	11	8	16	Increasing
Leprosy	0	0	0	0	0	Stable
COVID-19	0	0	0	0	0	Stable



The data shows a major dengue outbreak in 2023, a spike in H1N1 in 2024, and consistently high ADD with rising tuberculosis cases.

Seasonal Trend Analysis

DENGUE

Peak: July–November

Dengue – Ward-wise Yearly Distribution (2021–2025)

Ward	Dengue – Ward-wise Yearly Distribution					
	2021	2022	2023	2024	2025	Total
1	0	0	0	10	9	19
2	0	1	1	4	2	8
3	0	0	0	4	2	6
4	0	0	0	6	1	7
5	0	1	0	5	0	6

6	0	0	10	8	3	21
7	1	0	6	5	3	15
8	0	0	17	9	8	34
9	0	0	2	4	0	6
10	0	1	5	4	1	11
11	0	0	0	3	5	8
12	0	0	0	8	8	16
13	0	0	0	4	0	4
14	0	0	0	4	0	4
15	0	0	0	2	2	4
16	0	0	0	0	3	3
17	0	0	0	2	2	2

LEPTOSPIROSIS

Peak: June - August

Leptospirosis – Ward-wise Yearly Distribution (2021–2025)

Ward	Leptospirosis – Ward-wise Yearly Distribution					
	2021	2022	2023	2024	2025	Total
1	0	0	0	2	1	3
2	1	0	0	1	0	2
3	0	0	0	0	0	0
4	0	0	0	0	1	1
5	1	0	0	0	0	1
6	0	1	0	0	1	2
7	0	0	0	1	0	1
8	0	1	2	1	0	4
9	0	0	0	0	0	0

10	0	0	0	1	0	1
11	0	0	0	0	0	0
12	0	0	0	0	0	0
13	0	0	0	0	0	0
14	0	0	0	0	0	0
15	0	0	0	0	0	0
16	0	0	0	0	1	1
17	0	0	0	0	0	0

VIRAL HEPATITIS - A

Peak: October - December

Hepatitis A – Ward-wise Yearly Distribution (2021–2025)

Ward	Hep A – Ward-wise Yearly Distribution					
	2021	2022	2023	2024	2025	Total
1	0	0	0	1	0	1
2	0	0	0	1	0	1
3	0	0	0	2	0	2
4	0	0	0	0	0	0
5	0	0	0	0	1	1
6	0	0	0	0	0	0
7	0	0	0	1	0	1
8	0	0	0	0	0	0
9	2	0	0	0	0	2
10	0	0	0	1	0	1
11	0	0	0	1	0	1
12	0	0	0	0	0	0
13	0	0	0	0	0	0
14	0	0	0	0	0	0

15	0	0	0	0	0	0
16	0	0	0	0	0	0
17	0	0	0	0	0	0

Outcome-Based Trend Analysis- 2025

Transmission Trend- 2025

Mode of Transmission	No. of cases	No. of Deaths
Vector Borne Diseases	50	0
Water Borne Diseases	86	0
Air Borne Diseases	32	0
Blood Borne Diseases	0	0
Food Borne Diseases	0	0

Vector-Borne Disease

Disease	No. of Cases	No. of Deaths
Dengue	49	0
Malaria	1	0
Chikungunya	0	0

Water Borne Disease

Disease	No. of Cases	No. of Deaths
Cholera	0	0
Typhoid	2	0
Hep- A	1	0
Dysentery	0	0

Amoebiasis	0	0
E- Coli infections	0	0

Air Borne Disease

Disease	No. of Cases	No. of Deaths
Influenza	0	0
H1N1	10	0
TB	16	0
Chickenpox	32	0
Measles	0	0
Covid-19	0	0
Pertussis	0	0
Mumps	6	0

Blood-Borne Disease

Disease	No. of Cases	No. of Deaths
AIDS	0	0
Hep- B	0	0
Hep- C	0	0

Zoonotic Disease

Disease	No. of Cases	No. of Deaths
Rabies	0	0
Leptospirosis	3	0
Avian influenza	0	0
West nile	0	0
Anthrax	0	0

Nipah	0	0
Scrub Typhus	0	0

Ward No	Dengue Total (2021-25)	Leptospirosis Total (2021-25)	Hepatitis A Total (2021-25)	Mumps (2021-25)	ADD (2021-25)	Total Cases
1	19	3	1	0	5	28
2	8	2	1	0	12	23
3	6	1	2	0	14	23
4	7	1	0	0	7	15
5	6	2	1	1	12	22
6	21	1	0	0	9	31
7	15	4	1	1	12	33
8	34	1	0	1	8	44
9	6	0	2	0	14	22
10	11	0	1	0	12	24
11	8	0	1	0	12	21
12	16	0	0	0	7	23
13	4	0	0	0	8	12
14	4	0	0	0	16	20
15	4	0	0	0	11	15
16	3	1	0	0	12	16
17	4	0	0	0	13	17

By overlaying five years of data, we have identified 'Red Zone' Wards. These are wards where at least two different categories of diseases (e.g., Dengue and Lepto) recurred in consecutive years. Ward 4 is categorized as the **Highest Priority Hotspot** due to its combination of flood vulnerability and high vector density. Future health infrastructure, such as the proposed **R.O plants** at should be prioritized.

Preparedness and Response Protocol at LSG Level

Sl No	Name	Designation	Department/Institution	Role in Committee	Contact Number
1	Babu Sani	Panchayat President	LSGD	Chairperson	9447012646
2	Dr. Greeshma S Nair	Medical Officer (PHC/CHC)	Health Dept	Member Secretary	9048960602
3	Dr. Jomon Cherian	Veterinary Officer	Animal Husbandry	Member	9895951139
4	Reshmi	Epidemiologist	Health Dept	Member	8123094063
5	A K Bineesh Kumar	Health Inspector/PHN	Health Dept	Surveillance	9605887740
6	Sheela	ASHA Supervisor	Health Dept	Community link	9947174599
7	Priya	ICDS Supervisor	Social Welfare	Vulnerable groups	9747849293
8		Police Station Officer	Police Dept	Law & order	0484-2623550
9	Anish K K	Ward Councillor Representative	LSGD	Community coordination	9645560540
10	Santhadevi	Kudumbashree CDO	Kudumbashree	Community mobilisation	7012014529
11	Joseph	NGO/Volunteer rep	Civil Society	Support services	9656293727
12		Line Department representations			

Key Control Room Team

Role	Name	Designation	Contact Number	Responsibility
In-charge/Nodal Officer	Dr. Greeshma S Nair	M O	9048960602	Overall coordination, decision-making, and reporting to the District level.

Data Entry Operator	Joseph		9656293727	Managing the line list, updating dashboards, and tracking testing results.
Communication Officer	Prince		8943579807	Handling the public helpline, coordinating ambulance dispatch, and contact tracing calls.
Logistics Coordinator	Subin CS		9567361320	
Technical Support <i>(IT/Data)</i>	Ashwin		7736538276	

Key communicators

Channel	Responsible Person	Contact
Ward-level announcements	Poly Neduvely	9744501670
Social media	Athul	8129849350
Local Cable TV/Radio	ACV Karukutty	04842456848

Key Details:

- **Nodal Officer for Reporting:**
- **Contact Number:**

Reporting Schedule and Protocols:

To Whom	What to Report	Frequency	Nodal Person
Block PHC	Complete Situation Report (Cases, Quarantine, Beds, Screening, Deaths)	Daily	Medical Officer

District IDSP Unit	Outbreaks/Clusters/Unusual Events (>5 cases same ward)	Daily	Health Inspector
Veterinary Officer	Animal health events/Zoonotic alerts		
State Cell	Zoonotic cross-sector events		

Resource Inventory and Contacts

Resource Category	Source (District/State/Private)	Contact
PPE Kits/Masks/Gloves	KMSCL	04842555009
PPE Kits/Masks/Gloves	KMSCL	04842555009
Oxygen Cylinders/Concentrators	KMSCL	04842555009
Medicines/Antivirals	KMSCL	04842555009
Medicines/Antivirals	KMSCL /Neethi Shops	04842555009
Test Kits (RTPCR/Rapid)	KMSCL	04842555009

Organization	Type	Support Offered	Contact Person
Youth Clubs/Student Unions	CBO		Navodaya 9496026693

Interdepartmental Coordination

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.

Department	Representative	Key Role	Contact
Health (PHC)	Staff Nurse :	Case management	9947024247
Veterinary	Veterinary Surgeon:	Animal surveillance	9744402762

ICDS	Supervisor: Sindhu	Nutrition support	9400895547
Education	Head Teacher:	School coordination	9946724440 Beena
Police	04842452328	Containment enforcement	9846006764 Shaijo
Water Authority	8547638165	Water supply	8547638164
LSGD Engineering	9947656451	Quarantine infrastructure	9497420344

PHASE 3 - Surge Capacity

Conversion of Community Facilities

Name of facility	Facility Type	No. of Buildings	Ward	Surge Capacity (Beds)	Nodal Person
Panchayath community hall	Community hall	1	13	1000	8714924569
GHS Palissery	School	4	6	600	9400691284
SCMS College Palissery	College	5	6	1000	9497775295 Anitha
Parish hall Ezhattumugham	Church hall	1	7	250	
St Joseph church parish hall	Church hall	1	4	500	
Veera Shaiva sabha hall	Hall	1		50	
Munoorpilly ayankali community center	Hall	1		200	

1. IMPORTANT PHONE NUMBERS

corporation wards

Sl.No	Name of the ward	Ward number	Name of the ward member	Contact number
1	Railway station	1	Anshy V T	9048166013
2	Cable nagar	2	Joy Joseph	9447378060
3	Vazhachal	3	Jobitha Wilson	8943891674
4	Panthakkal	4	Mariya Babu	9072411269
5	Edakkunnu	5	Silda George	8086515420
6	Karippala	6	Metty Biju	9539954653
7	Palissery	7	Antony Johny Palatty	8075022512
8	Ezhattumugham	8	Honey Rakesh	8281894027
9	Karamattam	9	Anish K P	9645560540
10	Edakkunnu east	10	Poly N V	8589018013
11	Paduvapuram	11	Rincy Shaijan	9947407489
12	Munnamparambu	12	K K Govindan	9895057639
13	Malayankunnu	13	Naijo George	9947011148
14	Palliyangady	14	Babu Sany	9447012646
15	Njalookkara	15	Sahadevan P I	9048331936
16	Karayamparambu east	16	Reeja Babu	9048462045
17	Karayamparambu west	17	Shiji Sajeev	9645170823
18	Areekkal	18	Majy Babu	9048857045
19	Peechanikkad	19	Shaju Maleppilly	8943990214

1.2. Other important phone numbers of grama panchayat/municipality/corporation area

Sl. No.	Name	Contact number
1.	Karukutty Co Operative Bank	0484-2451529
2.	Karayamparambu Co Operative Bank	9495291573
3.		
4.		
5.		
6.		
7.	Excise department	0484 - 2458484
8.	Forest department	8547601881

1.3. Important offices of grama panchayat/municipality/ corporation

Sl.No	Name of the office	Contact person	Contact number
1.	Village Office	Village Officer	8547613708

2.	Agriculture Office	Agriculture Officer	9446990392
3.	Animal Husbandry Office	Animal Husbandry Doctor	9595951139
4.	Police Station	Police Officer	0484-2623550
5.	BSNL Office	Officer	0484-2453100
6.	Block Office	Officer	04842473031
7.	KSEB Office	Officer	0484-2612476
8.	Fisheries Office	Officer	-
9.	Fire and Rescue	Officer	04842452101

1.4. Health Services

Sl. No	Name of the hospital/institution	Location	Phone number
1.	Government hospitals/PHC	Palissery	9048960602
2.	Private hospitals	Edakkunnu	7592971532
3.	Clinical laboratories	Karukutty	7902826673
4.	Chemist/pharmacy	Karukutty	8089361367
5.	Blood donors		
6.	Other language experts (Bihari, Hindi, Bengali, Asamees)		

1.5. Veterinary Services

Sl. No	Name of the Clinic	Name of the Surgeon/Doctor	Place/location	Phone number
1	Govt.Veterinary Hospital	Dr.Jomon Cherian	Edakkunnu	9744402762

1.6. Helpline numbers

Helpline	Phone number
Police	0484-2623550
Fire and Rescue	0484-2206131
KSEB	0484-2612476

1.7. Public and Private Schools Contact details

S.No	Name of School	Institution type	Phone number
1	St Josephs HS Karukutty	Aided	8330095244
2	St Josephs HSS Karukutty	Aided	8281811949
3	St Josephs LPS Karukutty	Aided	9495998565
4	Vidhyaniketan , Karukutty	Aided	7025816861
5	Star Jesus HSS Karukutty	Aided	9961060939
6	St. Thomas UPS Karukutty	Aided	9946724440
7	St. Joseph LPS , Vadakkekara	Aided	8281268068
8	Nazreth OLPH LPS Edakkunnu	Aided	8304023896
9	OLPH UPS Edakkunnu	Aided	9605073210
10	Govt. HS Palissery	Govt	9400691284
11	Naipunya Public School Edakkunnu	Private	0484-2450450

1.9. Anganwadi Contact Details

Ward No	Name of Anganwadi Teachers	Phone number
	Monisha T K	9744644808
	Nisha P K	9847567957
	Lilly Jose	9496177576
	Geemol	9846447381
	Sumi K B	99469000696
	Mary Antony	9656384329

	Geeth N K	9645790527
	Thasmi	9605300175
	Sheeba	9846281321
	Shini N A	9188458857
	Kumara	9946816760
	Ligi	9048859439
	Sumitha	9744508471
	Leena	9048830061
	Shyamala	8943196749
	Sarakkutty	8089327810
	Annies	8281757686
	Shini E P	9846393885
	Venissa	8086901736
	Jincy	9745964446
	Siji	9946990810
	Ligi	9847800284
	Jincy	9048987011
	Beena	9048370994

1.12. Information regarding resources

Means of transportation	Name of Owner	Phone Number
Heavy Trucks	SIJO Mangalan	

Tractor	CMFRC	9846426669
Ambulances	FHC Palissery	8593939981
Boats	-	-
Taxi service	Sadanandan	8089222612

Annexure 1: LSG Baseline Data Collection Format

A. Baseline data

Sl. No.	Indicator / Field	Baseline Data	Source / Remarks
1	Name of LSG	Karukutty G P	
2	District	Ernakulam	
3	Block / Taluk	Angamaly	
4	Type of LSG (Gram Panchayat / Municipality / Corporation)	Gram Panchayat	
5	Area (sq. km)	33.57	
6	No. of wards	19	
7	GIS boundary file available	Yes	
8	Key contact person & phone	BabuSani 9447012646	

B. Demography

Indicator / Field	Baseline Data	Source / Remarks
Total population	31389	
Males	15230	
Females	16159	
Transgender population	0	
Age distribution (<5, 5–14, 15–59, ≥60)	1228, 2015, 21007, 7139	
No. of households	8208	
Population density (persons/sq.km)	957	
No. of migrant workers	872	
Major occupational groups	Farmers	

C. Vulnerable Populations & Social Risks

Sl. No.	Indicator / Field	Baseline Data (Value / Description)	Source / Remarks
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1	No. of elderly (≥ 60)	7139	
2	No. of persons with disability	82	
3	No. of bedridden persons	124	
4	No. of chronic disease cases (DM/HTN/COPD/CKD etc.)	15827	
5	Pregnant women (current estimate)	87	
6	Children <5 years	1228	
7	Tribal population (if any)	25	
8	Fisherfolk / coastal vulnerable groups (if any)	0	
9	Urban slums / unnotified settlements (if any)	0	
10	Homeless population	0	
11	Orphanages / old age homes (number & capacity)	9	
12	Hostels / prisons / shelters (number & capacity)	2	
13	Poverty / BPL estimate	2199	
14	Food insecurity hotspots	0	
15	Any history of stigma/discrimination issues (Yes/No)	No	

D. Health System & Service Readiness

Sl. No.	Indicator / Field	Baseline Data (Value / Description)	Source / Remarks
1	No. of health facilities in LSG (PHC/CHC/TH/DH/Private)	5	
2	PHC/Family Health Centre details (name, location)	FHC Palissery	
3	Subcentres / Health & Wellness Centres (number)	5	
4	Private clinics / hospitals (number)	4	
5	Labs available (public/private)	10	
6	Availability of ambulance services (Yes/No, number)	Yes	
7	Availability of isolation/quarantine facilities (Yes/No, details)	No	
8	Cold chain facilities (Yes/No, details)	Yes	
9	Stockpile space available (Yes/No)	Yes	
10	PPE / mask / sanitizer availability plan (Yes/No)	Yes	
11	Surveillance staff available (JHI/JPHN/ASHA count)	Yes	

12	Existing emergency referral pathways (Yes/No)	Yes	
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E. Points of Entry & Mobility

Sl. No.	Indicator / Field	Baseline Data (Value / Description)	Source / Remarks
1	Bus stands / depots (number)	0	
2	Railway stations (number)	1	
3	Boat jetties / fishing harbours (number)	0	
4	Ports / airports nearby (specify distance)	0	
5	Major highways/roads passing through	Yes	
6	Border crossings (state/district)	Yes	
7	Major markets / weekly markets	No	
8	Tourism hubs / major event venues	No	
9	Schools/colleges with hostels (number)	12 / 2	
10	Factories / large workplaces (number)	-	

F. Water, Sanitation & Hygiene (WASH)

Sl. No.	Indicator / Field	Baseline Data (Value / Description)	Source / Remarks
1	Major drinking water sources (piped / wells / borewells / springs)	Well	
2	No. of public wells	40	
3	No. of households with piped water connection		
4	Water quality testing routine (Yes/No)	Yes	
5	Common contamination risks (flooding, salinity, industrial waste)	No	
6	Open defecation free status (Yes/No)	No	
7	Solid waste management system (Yes/No)	Yes	
8	Bio-medical waste disposal mechanism (Yes/No)	Yes	
9	No. of public toilets	1	
10	Handwashing stations in public places (Yes/No)	Yes	

G. Zoonotic Risks & One Health

Sl. No.	Indicator / Field	Baseline Data (Value / Description)	Source / Remarks
1	Livestock population (cattle/goats/pigs/poultry) – estimates	2710/727942	
2	No. of dairy farms / poultry farms / pig farms	4/10/4	
3	Slaughterhouses / meat shops (number)	Nil	
4	Animal markets (Yes/No, details)	No	
5	Veterinary dispensaries (number)	1	
6	History of zoonotic outbreaks (rabies, leptospirosis, avian flu etc.)	Nil	
7	Stray dog population management measures (Yes/No)	Yes	
8	Rodent infestation hotspots (Yes/No)	No	
9	Wetlands / waterlogged areas prone to leptospirosis	No	
10	Bat roosting areas / caves / fruit orchards (if any)	No	
11	Human-animal interface hotspots (farms near residences)	No	

H. Climate & Disaster Risks (Pandemic Amplifiers)

Sl. No.	Indicator / Field	Baseline Data (Value / Description)	Source / Remarks
1	Flood-prone wards (list)	7/ Ezhattumugham	Near River
2	Landslide-prone wards (list)	Nil	
3	Cyclone/sea surge risk (Yes/No)	Nil	
4	Heatwave risk zones (Yes/No)	Nil	
5	Waterlogging areas (list)	Nil	
6	Shelter homes / relief camps (number, capacity)	Nil	
7	Past disaster displacement history	Nil	
8	Disruption to water supply/transport common (Yes/No)	Yes	

I. Critical Infrastructure & Logistics

Sl. No.	Indicator / Field	Baseline Data (Value / Description)	Source / Remarks
1	Schools (number)	11	
2	Anganwadis (number)	24	
3	Colleges (number)	1	
4	Community halls (number)	1	
5	Places of worship with large gatherings (number)	4	
6	Large markets / shopping areas (number)	Nil	

7	Warehouses / cold storages (number)	Nil	
8	Telecom/mobile network coverage gaps (Yes/No)	No	
9	Power outage frequency (high/medium/low)	No	
10	Availability of generators in key facilities	Yes	

J. Risk Communication & Community Networks

Sl. No.	Indicator / Field	Baseline Data (Value / Description)	Source / Remarks
1	Ward-level rapid response teams (Yes/No)	Yes	
2	Jagratha samithis / committees active (Yes/No)	Yes	
3	Kudumbashree presence and strength (number of units)	154	
4	Volunteer network (number, coverage)	147	
5	Community-based surveillance mechanisms (Yes/No)	Yes	
6	IEC dissemination channels (WhatsApp groups, community radio, PA systems)	Yes	
7	Rumour tracking mechanisms (Yes/No)	Yes	
8	Languages spoken / literacy considerations	Yes	
9	Vulnerable groups communication strategy available (Yes/No)	Yes	

K. Preparedness Planning & Governance

Sl. No.	Indicator / Field	Baseline Data (Value / Description)	Source / Remarks
1	LSG emergency plan available (Yes/No)	Yes	
2	Pandemic preparedness plan available (Yes/No)	Yes	
3	Incident Command System identified (Yes/No)	Yes	
4	Rapid procurement mechanism available (Yes/No)	Yes	
5	Emergency fund available (Yes/No, amount)	Yes	

6	Past outbreak response experience (Yes/No, details)	No	
7	Intersectoral coordination mechanism (Health, Police, LSG, Veterinary, Education)	Yes	
8	Mock drills conducted in last 12 months (Yes/No)	No	
9	Training coverage for staff/volunteers (Yes/No)	Yes	

L. Surveillance & Data Systems

Sl. No.	Indicator / Field	Baseline Data (Value / Description)	Source / Remarks
1	Digital reporting tools used (e.g., DHIS2, portals)	Yes	
2	Availability of line-listing format (Yes/No)	Yes	
3	Contact tracing team identified (Yes/No)	Yes	
4	Mapping of high-risk households available (Yes/No)	Yes	
5	Testing sample transport mechanism (Yes/No)	Yes	
6	Reporting timeline adherence (good/average/poor)	Good	
7	Data sharing between departments (Yes/No)	Yes	
8	Availability of dashboard for monitoring (Yes/No)	Yes	

M. Additional Notes & Observations

Sl. No.	Indicator / Field	Baseline Data (Value / Description)	Source / Remarks
1	Key challenges perceived by LSG		
2	Top 5 high-risk wards (reason)	7 Flood, 8 Landslide	
3	Any unique local risks (industrial pollution, refugee camps, etc.)	Nil	
4	Recommendations for preparedness strengthening		