



COMPLIANCE REPORT

IMPLEMENTATION OF REMEDIATION PLAN, NATURAL RESOURCE AUGMENTATION PLAN & COMMUNITY RESOURCE AUGMENTATION PLAN

EC Order: F.No. 23-65/2018 - IA - III Government of India, MoEF & CC

Dated: 8th April 2019

(April 2019 - March 2023)



St. GREGORIOS

MEDICAL MISSION MULTI-SPECIALITY HOSPITAL

Parumala P.O, Thiruvalla, Pathanamthitta, Kerala

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CHAPTER 1

INTRODUCTION

As per the "Sub Para (ii)" of "Para 10" of EIA Notification 2006, it is stated that "It shall be mandatory for the project management to submit half-yearly compliance reports in respect of the stipulated prior environmental clearance terms and conditions in hard and soft copies to the regulatory authority concerned, on 1st June and 1st December of each calendar year" and as per compliance of condition mentioned in Environment Clearance Letter (i.e. Part B General Condition, point number II), Six monthly compliance reports should be submitted to the Kerala State Pollution Control Board and Regional Office, MOEF, GOI, Southern Region, Bangalore and a copy to the Regulatory Authority of Kerala. It is mandatory to submit a Six Monthly Compliance Report to show the status & compliance of all the Conditions mentioned in Environment Clearance letter, along with monitoring of various Environmental Parameters (as per CPCB Norms). The regulatory authorities in this case are Kerala State Pollution Control Board, Regional Office-MoEF (Bangalore) and SEIAA Kerala. Various scheduled Site Visits were conducted by KSPCB to Monitor Pollution related parameters as defined by CPCB / KSPCB. Samples for water were collected for analysis. Based on the Specific and General Conditions mentioned in the EC Letter, a Compliance Report was prepared by the Team on behalf of Project Proponent, details of which are present in Chapter V – "Post Environmental Compliance Report".

Generic Structure of Report:

- Purpose of the Report, explaining the need of a Compliance Report and Methodology
 Adopted for preparation of Report
- 2) Environment Clearance Letter, prescribing all the conditions & guidelines to be followed for the successful implementation of remedial measures.
- Post Environmental Compliance Report, explaining the entire specific & general conditions in the EC letter and providing details with respect to each condition/ guideline.
- 4) Monitoring Reports & Analysis, for various Environment Parameters.
- 5) Review of Remedial Measures and Environmental performance.

CHAPTER 2

Environmental Clearance Order

F. No. 23-65/2018-IA-III
Government of India
Ministry of Environment, Forest and Climate Change
(Impact Assessment Division)
Indira ParyavaranBhawan
JorBagh Road, New Delhi - 3

To,

Date: 8thApril, 2019

Shri Poulose, CEO M/s St. Gregorios International Cancer Care Centre

Parumala P.O., Thiruvalla, District Pathanamthitta - 689626, Kerala E Mail: sgmhospitalgmail.com

Subject: Expansion of existing hospital project at Kadapra Village, Pathanamthitta (Kerala) by M/s St. Gregorios International Cancer Care Centre - Environmental Clearance - reg.

Sir,

This has reference to your proposal No. IA/KL/NCP/70240/2017 dated 11th October, 2017 (Earlier applied on 20th May, 2017) from M/s St. Gregorios International Cancer Care Centre for Expansion of existing hospital project at Kadapra Village, Pathanamthitta (Kerala), along with the application in prescribed format (Form-I), for consideration under the provisions of S.O. 804 (E) dated 14th March, 2017.

- 2. The said Notification provides for appraisal of projects for grant of terms of reference/environmental clearance, which have started the work on site, expanded the production beyond the limit of environmental clearance, or changed the product mix without obtaining prior environmental clearance under the EIA Notification, 2006.
- 3. The details of the project are as follows:
- (i) Project title, location (plot No.Nillage/Tehsil/ District):- Environmental Clearance for Expansion of existing Hospital Project of M/s St. Gregorios International Cancer Care Centre at Sy. Nos. 286/2, 286/3, 286/16, Kadapra Village & Panchayat, Thiruvalla Taluk, Pathanamthitta District, Kerala.

(ii) Salient features of the project

- Land use pattern/ Total plot area/ built up area:- Land use pattern = As per the revenue records, the land is a "Purayidam" land which can be used for residential as well as Institutional/commercial land use. Total Plot area 3.6295 ha. Total Built-up area 38,123.48 sqm.
- Total water requirement and its source:- The total daily water consumption for the proposed project would be about 428 KLD (fresh water = 219 KL + Recycled water = 209 KL). The sources of water during operation phase for the project are:-

- > Stored Rain water in tanks (Non-flushing req.) (Rainy days) Concurrent use.
- ➤ Kerala Water Authority / Well water (Non-flushing req.) (Non-rainy days)
- Treated waste water from STP (Flushing Req.) (Entire year).

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- Waste water generation, treatment and disposal:- The domestic sewage will be about 214KLD which will be treated through Sewage Treatment Plant within the project premises. The treated water from STP will be used for flushing, horticulture & make-up water for cooling towers attached with HVAC plant. Also, the treated effluent of 16 KLD from the ETP would be reuse within the site.
- Municipal solid waste generated disposal facility:- Solid Waste Management
 - ➤ The Solid Waste Management Rules, 2016 will be followed in the solid waste disposal.
 - ➤ Collection & segregation within the site (bio-degradable waste (green bins), nonbiodegradablewaste (blue bins) and domestic hazardous waste (yellow bins).
 - > The recyclable waste like packaging material, paper etc. would be sold through vendorsand the area earmarked for the storage of the same.
 - ➤ The Bio-degradable waste would be disposed through the Bio-gas generation plan / bio bin system to be installed within the site. The manure generated will be utilized for green area development within the premises.
 - ➤ The domestic hazardous waste which includes discarded painted drums, pesticide cans,CFL bulbs, tube lights, used batteries etc. generated and will be collected in yellow binsand to be handed over to authorized waste pickers or waste collectors

Disposal of non-biodegradable waste

- Paper related recyclable materials are sold to vendors within the vicinity of the site.
- Other recyclable material like broken glasses, utensils etc. are sold to approved vendors.

Bio-medical Wastes

- ➤ Bio-medical waste like infectious beddings, cotton, swabs, used syringes, discardedmedicines, etc. constitute the bio-medical waste from the hospital.
- ➤ Bio-medical waste Management & Handling Rules, 2016 will be followed.
- ➤ Collection & segregation at source by providing appropriate colour coded bins/ containers as per the colour coding provided in the Bio-Medical Waste (Management &Handling) Rules. The Bio-medical waste from the hospital would be outsourced througha Kerala State Pollution Control Board authorized agency (M/s Indian MedicalAssociation Goes Eco Friendly, IMAGE).

Radioactive waste management

The use of unsealed radioisotopes regularly gives rise to radioactive waste, which has to bedisposed of in a responsible and safe manner. The waste may include residual amounts ofthe original radionuclide, disposable containers (vials, syringes etc.) partially decayed orsurplus unsealed sources.

- The radioactive waste should be segregated from the non-active waste. Lead line wastebins with polythene linings should be used for collecting solid radioactive waste and Vialsfor liquid waste.
- ➤ When both lived nuclide and longer lived one are used, separate waste collection binsand storage bags should be provided for the two categories of radionuclide.
- > The disposal procedures are based on the following principles.
- ➤ Dilute and dispersion for low level radioactive waste: Low activity short lived radioactivewaste may be disposed off into the sewage system with adequate flushing with water.
- Delay and decay for short lived radio isotopes: waste containing short lived isotopessuch as from isotope generator may stored in a special made RCC pit and release asgeneral waste.

All the radiation safety guidelines of Atomic Energy Regulatory Board (AERB) Bhabha Atomic Research Centre (BARC) with regard to the disposal of radioactive waste would befollowed. A radiation safety office will be employed to ensure the radiation safety guidelines.

Hazardous waste

The hazardous wastes generated from the project site include waste oil, used batteries etc. Waste oil will be sold off to authorized recyclers while there will be buy-back arrangements with the supplier for DG Set batteries. The list of authorized recyclers for the processing of the above waste are M/s Perfact Alloys, Chengannur, M/s Peejay Enterprises, Thripunithura, M/s Excel Petrochemicals, Kochi. M/s CeeJee Lubricants, Aluva. These companies are the approved recyclers for discarded batteries & used oil located in Kerala.

- Power requirement and source:- 3,00,000 kWh and supplied by Kerala State Electricity Board & D.G. sets (500 kVA x 4 nos.) (standby arrangement)
- Proposed energy saving measures:- By use of energy efficient lights, solar panels, solar

street lights & by providing more open spaces the project would save about 22% energy.

• RWH:- The roof run-off from the site will be appropriately channelized to the storm water

collection tank (2,200 KL total storage capacity) within the site and surface run-off will be connected to the external storm water drain available at site.

- Car parking: 381 Cars + 480 two wheelers
- Investment/Cost of the project : Rs. 96.10 Crores
- Benefits of the project: The proposed project is a hospital building project and thereby

the living index of the people around the project site will definitely improve. Also there will

be various ancillary activities like convenient shops, medical shop, food courts, and restaurants, transport facilities etc. attached to the project which will benefit the local people and change their living condition. Other benefits are:-

- Expansion of businesses with increased local spending on goods and services;
- ➤ An increase in business and community confidence in the continuing of prosperity for the project area;
- Financial contribution to the State government through the payment of taxes and dutiesthus enabling the State to invest in infrastructure development.

- > The present project would provide better healthcare-related facilities with supportinginfrastructure facilities in the vicinity.
- ➤ Direct (about 500 nos.) and indirect employment (about 2,500 nos.) opportunities. Thepotential for employment and access to new services may draw people to the areaaround the project. There will be an increase in economic activity and employment forthe local community, local skills development.
- Revenue (taxes) to the State & Central Government.
- ➤ The project proponent has carried out charity activities (Corporate Environment Responsibility) for on various developmental activities for the local community.
 - Employment potential: Direct (about 500 nos.) and indirect employment (about 2,500nos.) opportunities.
- (iii) Project/ activity covered under item of Schedule to the EIA Notification, 2006:-Project activity covered under item of Schedule of Category 8(a) of EIA Notification, 2006.
- (iv) Why appraisal/ approval is required at the Central level:- Since the tenure of SEIAA/SEAC, Kerala expired on 18/03/2018 and there was no duly constituted SEIAA/SEAC, Kerala at that time. Also, the earlier appraisal of the project was done in its 13th EAC meeting held on 18.09.2018, as per the MoEF direction further proceedings required at MoEF.
- (v) National Park/Wild Life Sanctuary in 10 km radius area:- None within the study area
- (vi) Eco-Sensitive Zone in 10 km radius area:- None within the study area
- (vii) Details of Forest land involved, if any:- None within the study area
- (viii) ToR Details: The draft ToR was considered and approved by EAC in its 4th meeting held on 19th 21st February, 2018 and the ToR letter was communicated to us by MoEF&CC vide letter dated 19.04.2018.
- (ix) Details of Public Hearing and main issues raised/response of the PP: No Public Hearing required for Construction projects
- (x) If any court case pending for violation of the environmental laws (supported by an undertaking): No litigation pending and no violation of environmental laws.
- (xi) Land use planning: The expansion project is within the existing hospital campus and the project site confirms the land use.
- (xii) Ground water withdrawal approval from CGWA: As per the classification, the entire Pathanamthitta District declared as "Safe Zone" and permission is not required for ground water abstraction for domestic purposes.
- (xiii) For other sources, firm commitment of the water supply agency:- Will be obtained.
- (xiv) Undertaking to the effect that no activity has since been taken up :- Undertaking will be submitted during the appraisal.
- (xv) Appraisal by State Coastal Zone Management Authority (SCZMA):- No approval From State Coastal Zone Management Authority is required as the project site is not attracting the CRZ Notification.
- (xvi) Details of earlier EC, if any and compliance thereof:- Not applicable
- 4. The said project/activity is covered under Category 'B' of item 8(a) of the schedule to the EIA Notification, 2006, and requires prior EC based on the appraisal by SEAC, Kerala. However, due to non-existence of SEIAA/SEAC in Kerala, the proposal is appraised at Central level by sectoral EAC.

- 5. The Terms of Reference (ToR) for the project was granted by MoEFCC vide letter No. 23-65/2018-IA-III dated 19.04.2018.
- 6. The proposal for environmental clearance was considered by the Expert AppraisalCommittee (EAC) for projects relating to violation of the EIA Notification, 2006, in terms of the provisions of the Ministry's Notification dated 14th March, 2017, in its meetings held on 18-20 September, 2018 and 27-29 November, 2018 in the Ministry. The committee found the EIA/EMP report satisfactory and in consonance with the ToR, andrecommended the proposal for environmental clearance with certain conditions in terms of the provisions of the Ministry's Notification dated 14th March, 2017.
- 7. Based on recommendations of the EAC and finalization/approval of the bank guarantee for an amount of Rs. 62,45,000/- by the competent authority, towardsRemediation Plan and Natural and Community Resource Augmentation Plan, the projectproponent has submitted the desired bank guarantee with the Kerala Pollution ControlBoard (GPCB). The GPCB vide letter No. PCB/HO/PTA/IC0/04/2010 dated 29.03.2019 has informed the Ministry regarding receipt of the bank guarantee dated 07.03.2019 which is valid up to 05.03.2024.
- 8. Considering the proposal submitted by the project proponent, recommendations of the EAC (Violation) and submission of the desired bank guarantee, the Ministry of Environment, Forest and Climate Change hereby accords environmental clearance to the project for Expansion of existing hospital project at Kadapra Village, Pathanamthitta (Kerala) by M/s St. Gregorios International Cancer Care Centre, under the provisions of the EIA Notification, 2006 and the amendments made therein read with Ministry's Notification dated 14th March, 2017, subject to the compliance of terms and conditions, as under:-
 - (i) EAC recommended for an amount of Rs. 29,70,000/- towards Remediation plan and Rs. 32,75,000/- towards Natural and Community Resource Augmentation plan to be spend within a span of three years. The details are given below:

Remediation plan & budgetary provisions

		Dail & budgetary provisions					
S. No.	Particulars	Revised Budget Allocation (in Rs.)					
1.	Air Environment	1. The dust suppression and water sprinkling system consists of water sprinkler nozzles (about 1/2 dozen @ Rs. 1,000 per nozzle i.e. Rs. 6,000), Online twin filtration system (Rs. 15,000), Booster pump (1 HP (@ Rs. 10,000)), Water distribution pipeline (LS Rs. 10,000) and water storage tank (5,000 ltr @ Rs. 25,000.). Labour cost of Rs. 10,000. The total cost on water sprinkling and dust suppression system is Rs. 76,000. 2. Wind breakers / barricades in the periphery of project site (3m. height GI sheet) (Rs. 1,00,000). 3. Vehicle check up camp (@ Rs. 10,000 per camp and Rs.20,000 annual). 4. Ambient air quality monitoring in sensitive areas (@ Rs. 5,000 per month x 12 months i.e. Rs. 60,000 x 2 locations =					

		Rs.1,20,000). Total cost on remediation measures on Air Environment is Rs. 3,16,000/-
2.	Ecological Environment	1. Plantation with native species of flowering and fruit bearing trees to compensate the removal of trees. 560 trees within the surrounding area are proposed for plantation at a cost of @ Rs.1,100 per plant which includes maintenance for three years.
		The total cost estimate for tree plantation is 560 trees x Rs.1100
		 = Rs. 6,16,000. 2. Cost of development of butterfly garden is Rs. 1,64,000 (L.S.estimate). 3. Cost of development of medicinal garden is Rs. 1,60,000 (L.S. estimate). 4. Rs. 50,000/- for development of panchayat park / avenue plantation towards habitat compensation. Total cost on remediation measures on Ecological Environment is Rs. 9,90,000/-
3.	Water Environment	 Rs. 50,000/- for restoration of abandoned wells (Rs.10,000 x 5 wells) + Rs. 50,000/- for water sampling andmonitoring (Rs. 5,000 x 10 samples). Total = Rs. 1,00,000/- Rs. 2,00,000/- for rehabilitation of village pond. Rs. 60,000/- towards set up of 2 units of portable toilet at site (1 for male and 1 for female). Rs. 5,50,000 on setting up of an STP of 5 KLD capacity. Channelization of storm water (Rs. 4,00,000). Frequent cleaning of the vicinity of site before monsoon (Rs. 50,000). Total cost on remediation measures on Water Environment is Rs. 13,60,000/-
4.	Land Environment	 Rs. 50,000/- for creating barriers to avoid erosion and to maintain its integrity so as to use it further for landscaping. Rs. 10,000 (LS) for printing & distribution of leaflets. Rs. 60,000/- for 20 bins (@Rs. 3,000 per bin). Secured intermediate leachate proof facility for storage (LS. Rs. 1,00,000). Total cost on remediation measures on Land Environment is Rs. 2,20,000/-
5.	Noise Environment	Providing Personnel protective equipment's (PPE) to the Health Department of the panchayatRs. 50,000/- (LS.) Total cost on remediation measures on WaterEnvironment is Rs. 50,000/-
6.	Socio - Economic Environment	1. Providing first aid kits (5 nos.) to the construction sites (public works within the panchayat) [Rs. 10,000/- (@Rs. 2,000 per kit].

	2. Providing a wheel chair (2 nos.) + to the primary health centre within the panchayat and in consultation. [Rs. 24,000 (@ Rs. 12,000 per wheel chair) Total cost estimate on remediation measures on Socio Economic Environment is Rs. 34,000/-
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Year wise implementation of Remediation plan with budgetary provisions

S. No.	Activity	1st Year (2018-19)	2nd Year (2019-2020)	3rd Year (2020-21)	Total (in Rs.)		
1	Remediation measures on Air Environment	1,05,000	1,05,000	1,06,000	3,16,000		
2	Remediation measures on Water Environment	4,50,000	4,50,000	4,60,000	13,60,000		
3	Remediation measures on Land Environment	70,000	70,000	80,000	2,20,000		
4	Remediation measures on Noise Environment	10,000	20,000	20,000	50,000		
5	Remediation measures on Socio Environment	10,000	12,000	12,000	34,000		
6	Remediation measures on Ecology Environment	3,30,000	3,30,000	3,30,000	9,90,000		
Gran	Grand Total 29,70,000/-						

2.Natural Resource Augmentation Plan& budgetary provisions

S. No.	Activity	Budgetary	implementa provision on phase (in R	Total budgetary provision (Rs.)	
		1st year	2nd year	3rd year	
1.	Development of greenery in the surrounding area and roadside plantation	25,000	50,000	50,000	1,25,000
2.	Provision of drinking water facilities through construction of hand pumps / dug wells / tube wells. 5 hand pups /wells per year in the nearby villages with maintenance	50,000	75,000	75,000	2,00,000
3.	Maintenance of village road, near the panchayat office or any other badly damaged road and consultation with panchayat (7 m. carriageway (1 km.length)	2,50,000	3,50,000	4,00,000	10,00,000
4.	Construction of pipeline network in the village in association with gramapanchayat and water resource department (Kerala Water	1,00,000	1,50,000	2,50,000	5,00,000

	Supply Authority)				
5.	Provision of solar system in common areas through local administration	25,000	50,000	50,000	1,25,000
6.	Rainwater harvesting and ground water recharge development	30,000	30,000	40,000	1,00,000
7.	Construction of storm water drainages in the nearby areas	20,000	30,000	50,000	1,00,000
Total			•		21,50,000

3. Community Resource Augmentation plan & budgetary provisions

S. No	Activity	Year wise implementation and Budgetary provision during operation phase				Total budgetary provision (Rs.)
		1st year	2nd	year	3rd year	
1.	Creation of irrigation facilities to the farmers supporting for irrigation	25,000	50,0	000	50,000	1,25,000
2.	Construction of sanitation facilities (toilet) in schools and villages (5 toilets each year)	25,000	50,0	000	50,000	1,25,000
3.	Periodic medical check-up camp by appointing specialist doctor for eyes,skin, heart and dental twice in a year	50,000	50,0	000	1,50,000	2,50,000
4.	Free of cost distribution of medicine /body check up tests in the area	25,000	50,0	000	50,000	1,25,000
5.	Training to the farmers related to healthcare	10,000	20,0	000	20,000	50,000
6.	Assistance in development of technical skills and training to the children of farmers and fishermen	30,000	30,0	000	40,000	1,00,000
7.	Assistance in providing study materials, uniform, books to the poor students located nearby area	30,000	30,0	000	40,000	1,00,000
8.	Scholarship to the clever students for higher education	50,000	50,0	000	1,50,000	2,50,000
	` Total					11,25,000
	Total budgetary provision made towards the implementation of Natural & C Resources Augmentation plan					
	Natural Resources Augmentation plan			Rs. 21,50,000		
					Rs. 11,25,000	
					Rs. 32,75,000	

- (ii) Total budgetary provision with respect to Remediation plan and Natural & Community Resource Augmentation plan is rupees 62,45,000/-. Therefore, project proponent shall be required to submit a bank guarantee of an amount of Rupees 62,45,000/-towards Remediation plan and Natural and Community Resource Augmentation plan with the SPCB prior to the grant of EC.
- (iii) Remediation plan shall be completed in 3 years whereas bank guarantee shall be for 5 years. The bank guarantee shall be released after successful implementation of the EMP, followed by recommendations of the EAC and approval of the regulatory authority.
- (iv) The PP shall submit the proof of credible action taken by the concerned state government/ state pollution control board under the provisions of the section 19 ofthe Environment Protection Act 1986 to the MoEF&CC.
- (v) Fund allocation for Corporate Environment Responsibility (CER) of Rs. 1.922 Crores(2% of project cost).
- (vi) Approval/permission of the CGWA/SGWA shall be obtained before drawing Ground water for the project activities. State Pollution Control Board (SPCB) concerned shall not issue Consent to Operate (CTO) till the project proponent obtains such permission.
- (vii) The PP shall construct rain water storage tank of capacity 2,200 KL (equivalent to
 - 11 days of daily fresh water requirement).
- 9. The grant of environmental clearance is subject to compliance of other general conditions, as under:-
 - (i) The project authorities shall adhere to the stipulations made by the State PollutionControl Board, Central Pollution Control Board, State Government and any other statutory authority.
 - (ii) No further expansion or modifications in the plant shall be carried out without priorapproval of the Ministry of Environment, Forest and Climate Change. In case ofdeviations or alterations in the project proposal from those submitted to this Ministryfor clearance, a fresh reference shall be made to the Ministry to assess the adequacyof conditions imposed and to add additional environmental protection measures required, if any.
 - (iii) The locations of ambient air quality monitoring stations shall be decided inconsultation with the State Pollution Control Board (SPCB) and it shall be ensuredthat at least one station each is installed in the upwind and downwind direction aswell as where maximum ground level concentrations are anticipated.
 - (iv) The National Ambient Air Quality Emission Standards issued by the Ministry videG.S.R. No. 826(E) dated 16th November, 2009 shall be followed.
 - (v) The overall noise levels in and around the plant area shall be kept well within thestandards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels shallconform to the standards prescribed under Environment (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time).

- (vi) The Company shall harvest rainwater from the roof tops of the buildings and stormwater drains to recharge the ground water and use the same water for the processactivities of the project to conserve fresh water.
- (vii) Training shall be imparted to all employees on safety and health aspects of chemicalshandling. Pre-employment and routine periodical medical examinations for allemployees shall be undertaken on regular basis. Training to all employees onhandling of chemicals shall be imparted.
- (viii) The company shall also comply with all the environmental protection measures andsafeguards proposed in the documents submitted to the Ministry. All therecommendations made in the EIA/EMP in respect of environmental management, and risk mitigation measures relating to the project shall be implemented.
- (ix) The company shall undertake all relevant measures for improving the socio-economicconditions of the surrounding area. ESC activities shall be undertaken by involvinglocal villages and administration.
- (x) The company shall undertake eco-developmental measures including communitywelfare measures in the project area for the overall improvement of the environment.
- (xi) A separate Environmental Management Cell equipped with full-fledged laboratoryfacilities shall be set up to carry out the Environmental Management and Monitoringfunctions.
- (xii) The company shall earmark sufficient funds towards capital cost and recurring costper annum to implement the conditions stipulated by the Ministry of Environment, Forest and Climate Change as well as the State Government along with theimplementation schedule for all the conditions stipulated herein. The funds soearmarked for environment management/pollution control measures shall not bediverted for any other purpose.
- (xiii) A copy of the clearance letter shall be sent by the project proponent to concernedPanchayat, ZillaParishad/Municipal Corporation, Urban local Body and the localNGO, if any, from whom suggestions/ representations, if any, were received whileprocessing the proposal.
- (xiv) The project proponent shall also submit six monthly reports on the status of of the stipulated Environmental Clearance conditions including results of monitored data (both in hard copies as well as by email) to the respective RegionalOffice of MoEF&CC, the respective Zonal Office of CPCB and SPCB. A copy of Environmental Clearance and six monthly compliance status report shall be postedon the website of the company.
- (xv) The environmental statement for each financial year ending 31st March in Form-V asis mandated shall be submitted to the concerned State Pollution Control Board asprescribed under the Environment (Protection) Rules, 1986, as amendedsubsequently, shall also be put on the website of the company along with the statusof compliance of environmental clearance conditions and shall also be sent to therespective Regional Offices of MoEF&CC by e-mail.
- (xvi) The project proponent shall inform the public that the project has been accordedenvironmental clearance by the Ministry and copies of the clearance letter areavailable with the SPCB/Committee and may also be seen at Website of the Ministryat http://moef.nic.in. This shall be advertised within seven days from the date of issueof the clearance letter,

at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same shall be forwarded to the concerned Regional Office of the Ministry.

(xvii) The project authorities shall inform the Regional Office as well as the Ministry, thedate of financial closure and final approval of the project by the concerned authorities and the date of start of the project.

Proposal No. IA/KUNCP/70240/2017

10. The Ministry reserves the right to stipulate additional conditions, if found necessary at

subsequent stages and the project proponent shall implement all the said conditions in a time bound manner. The Ministry may revoke or suspend the environmental clearance, if implementation of any of the above conditions is not found satisfactory.

11. This issues with approval of the competent authority.

(KushalVashist) Director

Copy to:

- (i) The Secretary, Department of Environment, Government of Kerala, Thiruvananthapuram.
- (ii) The Chief Conservator of Forests and Member Secretary, Kerala CZMA, Science &Technology (A) Department, SasthraBhavan, Pattom, Thiruvananthapuram 4,Kerala.
- (iii) The Chairman, Central Pollution Control Board, PariveshBhavan, CBD-cum-OfficeComplex, East Arjun Nagar, Delhi 32.
- (iv) The Member Secretary, Kerala State Pollution Control Board, Pattom P.O., Thiruvananthapuram 695 004, Kerala.
 - (v) The Addl. Principal Chief Conservator of Forests (Central), Ministry of Environment, Forests and Climate Change, Regional Office (SZ), KendriyaSadan, 4th Floor, E&FWing, II Block Koramangala, Bengaluru 560034.
- (vi) Guard File/Monitoring File/Website/Record File.

(KushalVashist) Director

Proposal No. IA/KUNCP/70240/2017

F. No. 23-65/2018-IA-III
Government of India
Ministry of Environment, Forest and Climate Change
(Impact Assessment Division)

Indira ParyavaranBhavan, JorBagh Road, New Delhi- 3

Date: 6th March, 2019

To,

Shri Poulose, CEO

M/s St. Gregorios International Cancer Care Centre

Parumala P.O., Thiruvalla, District Pathanamthitta - 689626, Kerala E Mail: sgmhospitalqmail.com

Subject: Expansion of existing hospital project at Kadapra Village, Pathanamthitta (Kerala) by M/s St. Gregorios International Cancer Care Centre- Submission of Bank Gurantee reg.
Sir.

This has reference to your proposal No. IA/KUNCP/70240/2017 dated 11th October, 2017 (Earlier applied on 20th May, 2017) from M/s St. Gregorios InternationalCancer Care Centre, along with the application in prescribed format (Form-I), forconsideration under the provisions of S.O. 804 (E) dated 14th March, 2017.

2. The Ministry has issued a Notification vide S.0.804 (E) dated 14th March, 2017

for appraisal of projects for grant of terms of reference/environmental clearance, which

have started the work on site, expanded the production beyond the limit environmental clearance, or changed the product mix without obtaining prior environmental clearance under the EIA Notification, 2006.

- 3. As per the above said Notification, in cases of violation, action is to be taken against the project proponent by the respective State Government or the State Pollution Control Board under the provisions of the Environment (Protection) Act, 1986 and further, no consent to operate or occupancy certificate to be issued till the project is granted environmental clearance.
- 4. The said project/activity is covered under Category 'B' of item 8(a) of the schedule to the EIA Notification, 2006, and requires prior EC based on the appraisal by SEAC, Kerala. However, due to non-existence of SEIAA/SEAC in Kerala, the proposal is appraised at Central level by sectoral EAC.
- 5. The Terms of Reference (ToR) for the project was granted by MoEFCC vide letter No. 23-65/2018-IA-III dated 19th April, 2018.
- 6. The proposal for environmental clearance was considered by the Expert Appraisal Committee (EAC) for projects relating to violation of the EIA Notification, 2006, in terms of the provisions of the Ministry's Notification dated 14th March, 2017, in its meetings held on 18-20 September, 2018 and 27-29 November, 2018 in the Ministry. The Committee has recommended the proposal for environmental clearance subject to compliance of certain conditions, including the following:
- I. Total budgetary provision with respect to Remediation plan and Natural &Community Resource Augmentation plan is rupees 62,45,000/-. Therefore, project proponent shall be required to submit a bank guarantee of an amount of

Rupees 62,45,000/- towards Remediation plan and Natural and Community Resource Augmentation plan with the SPCB prior to the grant of EC.

- II. Remediation plan shall be completed in 3 years whereas bank guarantee shall be for 5 years. The bank guarantee shall be released after successful implementation of the EMP, followed by recommendations of the EAC and approval of the regulatory authority.
- III. The PP shall submit the proof of credible action taken by the concerned state government/ state pollution control board under the provisions of the section 19 of the Environment Protection Act 1986 to the MoEF&CC.
- IV. Fund allocation for Corporate Environment Responsibility (CER) of Rs. 1.922 crores (2% of project cost).
- V. Approval/permission of the CGWA/SGWA shall be obtained before drawing ground water for the project activities. State Pollution Control Board (SPCB) concerned shall not issue Consent to Operate (CTO) till the project proponent obtains such permission.
- VI. The PP shall construct rain water storage tank of capacity 2,200 KL (equivalent to 11 days of daily fresh water requirement).
- VII. As per the provisions contained in the Ministry's Notification dated 14th March, 2017, the project proponent is required to submit a bank guarantee equivalent to Theamount of remediation plan and natural and community resource augmentation planwith the State Pollution Control Board and the quantification will be recommended by EAC and finalized by Regulatory Authority and the bank guarantee shall be deposited prior to the grant of EC and will be released after successful implementation of the remediation plan and Natural and Community Resource Augmentation Plan, and after the recommendation by Regional Office of
- VIII. The Ministry accepts the recommendations of the EAC (violation) regarding quantum of bank guarantee towards remediation plan and natural and community resource augmentation plan. In this regard, you are required to submit the bank guarantee of Rs. 62,45,000/- (Sixty Two Lakhs Forty Five Thousands only) with theState Pollution Control Board for consideration of the project for environmental clearance. The bank guarantee shall be released after successful implementation of theremediation plan and natural and community resource augmentation plan, and after therecommendation by Regional Office of the Ministry, Expert Appraisal Committee andapproval of the Regulatory Authority.

the Ministry, Expert Appraisal Committeeand approval of the Regulatory Authority.

IX. This issues with approval of the competent authority.

(KushalVashist) Director

Copy to:-

1. The Member Secretary, Kerala State Pollution Control Board, Pattom P.O.,

Thiruvananthapuram - 695 004, Kerala - with the request to confirm receipt of Thebank guarantee from the project proponent, as stated above.

Copy for information to:-

- 1. The Addl. Principal Chief Conservator of Forests (Central), Ministry of Environment, Forests and Climate Change, Regional Office (SZ), KendriyaSadan, 4thFloor, E&FWing, II Block Koramangala, Bengaluru-560034.
- 2. Guard File/Monitoring File/Website/Record File.

(KushalVashist) Directo

F. No. 23-65/2018-IA-III
Government of India
Ministry of Environment, Forest and Climate Change
(Impact Assessment Division)

Indira ParyavaranBhavan, JorBagh Road, New Delhi- 3

Date: 6th March, 2019

To,

The Member Secretary, Kerala State Pollution Control Board, Pattom P.O., Thiruvananthapuram - 695 004, Kerala, (E Mail: ms.kspcb@gov.in)

Subject: Expansion of existing hospital project at Kadapra Village,
Pathanamthitta (Kerala) by M/s St. Gregorios International Cancer Care
Centre - Submission of Bank Guarantee reg.

Sir.

This has reference to proposal No. IA/KUNCP/70240/2017 dated 11th October, 2017 (Earlier applied on 20th May, 2017) from M/s St. Gregorios International Cancer Care Centre for Expansion of existing hospital project at Kadapra Village, Pathanamthitta (Kerala), along with the application in prescribed format (Form-I), for consideration under the provisions of S.O. 804 (E) dated 14th March, 2017.

- 2. The Ministry has issued a Notification vide S.0.804 (E) dated 14th March, 2017 for appraisal of projects for grant of terms of reference/environmental clearance, which have started the work on site, expanded the production beyond the limit of environmental clearance, or changed the product mix without obtaining prior environmental clearance under the EIA Notification, 2006.
- 3. As per the above said Notification, in cases of violation, action is to be taken against the project proponent by the respective State Government or the State Pollution Control Board under the provisions of the Environment (Protection) Act, 1986 and further, no consent to operate or occupancy certificate to be issued till the project is granted environmental clearance.
- 4. The said project/activity is covered under Category 'B' of item 8(a) of the schedule to the EIA Notification, 2006, and requires prior EC based on the appraisal by

SEAC, Kerala. However, due to non-existence of SEIAA/SEAC in Kerala, the proposal is appraised at Central level by sectoral EAC.

- 5. The Terms of Reference (ToR) for the project was granted by MoEFCC vide letter No. 23-65/2018-IA-III dated 19th April, 2018.
- 6. The proposal for environmental clearance was considered by the Expert Appraisal Committee (EAC) for projects relating to violation of the EIA Notification, 2006, in terms of the provisions of the Ministry's Notification dated 14th March, 2017, in its meetings held on 18-20 September, 2018 and 27-29 November, 2018 in the Ministry.

The Committee has recommended the proposal for environmental clearance subject to compliance of certain conditions, including the following:

- I. Total budgetary provision with respect to Remediation plan and Natural &Community Resource Augmentation plan is rupees 62,45,000/-. Therefore, project proponent shall be required to submit a bank guarantee of an amount of Rupees 62,45,000/- towards Remediation plan and Natural and Community Resource Augmentation plan with the SPCB prior to the grant of EC.
 - II. Remediation plan shall be completed in 3 years whereas bank guarantee shall be for 5 years. The bank guarantee shall be released after successful implementation of the EMP, followed by recommendations of the EAC and approval of the regulatory authority.
- III. The PP shall submit the proof of credible action taken by the concerned state government/ state pollution control board under the provisions of the section 19 of the Environment Protection Act 1986 to the MoEF&CC.
- IV. Fund allocation for Corporate Environment Responsibility (CER) of Rs. 1.922 crores (2% of project cost).
- V. Approval/permission of the CGWA/SGWA shall be obtained before drawing ground water for the project activities. State Pollution Control Board (SPCB) concerned shall not issue Consent to Operate (CTO) till the project proponent obtains such permission.
- VI. The PP shall construct rain water storage tank of capacity 2,200 KL (equivalent to 11 days of daily fresh water requirement).
- VII. 7. As per the provisions contained in the Ministry's Notification dated 14th March, 2017, the project proponent is required to submit a bank guarantee equivalent to theamount of remediation plan and natural and community resource augmentation planwith the State Pollution Control Board and the quantification will be recommended by EAC and finalized by Regulatory Authority and the bank guarantee shall be deposited prior to the grant of EC and will be released after successful implementation of theremediation plan and Natural and Community Resource Augmentation Plan, and after the recommendation by Regional Office

- of the Ministry, Expert Appraisal Committeeand approval of the Regulatory Authority.
- VIII. 8. Based on the recommendations of the EAC and as per the Notification dated 14thMarch, 2017, the Ministry has now asked the project proponent to submit a bankguarantee of Rs. 62,45,0001- with the State Pollution Control Board for consideration of their project for environmental clearance.
- IX. It is requested that the Ministry may be intimated regarding receipt of bank guarantee of Rs. 62,45,000/- by the SPCB from M/s St. Gregorios International CancerCare Centre. The bank guarantee shall be released after successful implementation ofthe remediation plan and natural and community resource augmentation plan, and afterthe recommendation by Regional Office of the Ministry, Expert Appraisal Committeeand approval of the Regulatory Authority.
- X. This issues with approval of the competent authority.

(KushalVashist) Director

Copy to:-

- 1. The Addl. Principal Chief Conservator of Forests (Central), Ministry of Environment, Forests and Climate Change, Regional Office (SZ), KendriyaSadan, 4th Floor, E&FWing, II Block Koramangala, Bengaluru-560034.
- 2. Shri Poulose, CEO, M/s St. Gregorios International Cancer Care Centre, ParumalaP.O., Thiruvalla, District Pathanamthitta 689626, Kerala,
- 3. Guard File/Monitoring File/Website/Record File.

(KushalVashist)
Director

CHAPTER-III

PROJECT PROFILE

1.	Name of project	Expansion of existing hospital project at Kadapra	
		Village, Pathanamthitta (Kerala) by Mls St. Gregorios	
		International Cancer Care Centre -	
2.	Address	Mls St. Gregorios International Cancer Care Centre	
		Parumala P.O., Thiruvalla,	
		Pathanamthitta District -689626,	
		Kerala	
		E Mail: sqmhospital@gmail.com	
3	Nature of Institution	NABH accredited multi-speciality hospital	
4	CEO	Fr.M.C.Paulose	
5	Constitution	Pvt.Ltd.	
6	Details		
	a. District	Pathanamthitta	
	b. Taluk	ThiruvallaTaluk	
	c. Village/Panchayath	Kadapra Village	
	d. Survey Nos.	286/2, 286/3, 286/16	
	e. Total Plot area	3.6295 ha	
7	Total Built-up area	38,123.48sqm	
8	Category	Category 'B' of item 8(a)	
9	Capacity	251 bed	
10	Manpower	838	
11	Total cost of Project	Rs. 96.10Crores	

WASTE MANAGEMENT

WASTE WATER GENERATION, TREATMENT AND DISPOSAL

Sewage Treatment plant

STP and reuse

The total domestic waste Water (sewage) generated from the project is estimated as 200 KLD. The internal sewage collect the sewage from all units and flow by gravity to the sewage treatment plant which is operated 24 hrs with automated system as shown in Fig.2.This sewage water will be treated in STP of capacity 350 KL. Estimating a treated waste water generation of 120m3 KLD treated waste water is generated which will be fully recycled and utilized for flush tank and for garden water requirements within the premise. Periodic physico chemical characteristics of treated water is tested every month by Std.Analytical lab,Ernakulam. The results are attached in Annexure No-1

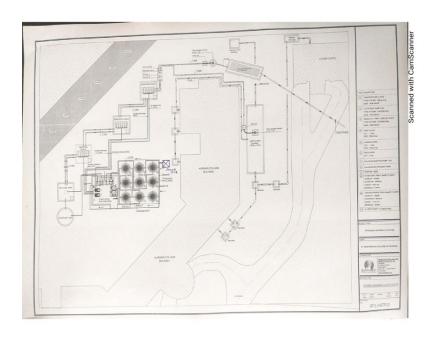


Fig.2. Schematic Diagramme of Sewage Treatment plant

Solid Waste Management

The Solid Waste Management Rules, 2016 is followed in the solid waste disposal. The collection & segregation within the site (bio-degradable waste (green bins), non-biodegradable waste (blue bins) and domestic hazardous waste (yellow bins) & the recyclable waste like packaging material, paper etc. are sold through vendors. The Bio-degradable waste is disposed through the Bio-gas generation plant installed at nursing college campus. The manure generated is utilizes for green area development within the premises. The domestic hazardous waste which includes discarded painted drums, pesticide cans, CFL bulbs, tube lights, used batteries etc. generated are collected in yellow bins and to be hand over to authorized waste pickers or waste collectors.

Disposal of non-biodegradable waste

The recyclable materials like paper and cardboard are sold to vendors within the vicinity of the site. Other recyclable materials like plastic are given to haritha karma sena from Kadapra Panchayath. The broken glasses, utensils etc are sold to approve vendors.

Bio-medical Wastes

Bio-medical waste Management & Handling Rules, 2016 is followed. The bio-medical waste like infectious beddings, cotton, swabs, used syringes; discarded medicines, etc. constitute the bio-medical waste from the hospital. After collection and segregation in the red colour coded bins/ containers as per the colour coding provided in the Bio-Medical Waste (Management & Handling) Rules. The Bio-medical waste from the hospital is outsourced through a Kerala State Pollution Control Board authorized agency (M/s Indian Medical Association Goes Eco Friendly, IMAGE). The details of agreement is given in Annexure VIII.

Radioactive waste management

The use of unsealed radioisotopes regularly gives rise to radioactive waste, which has to be disposed of in a responsible and safe manner. The waste may include residual amounts of the original radionuclide, disposable containers (vials, syringes etc.) partially decayed or surplus unsealed sources. The radioactive waste should be segregated from the non-active waste. Lead line waste bins with polythene linings should be used for collecting solid radioactive waste and Vials for liquid waste. When both lived nuclide and longer lived one are used, separate waste collection bin sand

storage bags should be provided for the two categories of radionuclide. &The disposal procedures are based on the following principles. Dilute and dispersion for low level radioactive waste: Low activity short lived radioactive waste may be disposed off into the sewage system with adequate flushing with water. Delay and decay for short lived radio isotopes: waste containing short lived isotopes such as from isotope generator may stored in a special made RCC pit and release as general waste. All the radiation safety guidelines of Atomic Energy Regulatory Board (AERB), Bhabha Atomic Research Centre (BARC) with regard to the disposal of radioactive waste is followed. A radiation safety office is furnished and employed Radiation safety Officer (RSO) to ensure the radiation safety guidelines.

Hazardous waste

The hazardous wastes generated from the project site include waste oil, used batteries etc. Waste oil is sold off to authorized recyclers

Rain Water Harvesting: -

The run-off from the roof top with an area of 4418 M² is appropriately channelized to the storm water collection tank (45,000 L storage capacity) and after treatment of ionization and carbonization, it is re used for domestic purposes. The details are given in Annexure-V.

CSR/CER Activities:

The hospital is undertaking various CSR/CER activities for improving the socioeconomic conditions of society. And these activities are carried out as per the direction of the local village and administration. Free medical check-up camps, free laboratory services, and free medicines of Rs.4,38,90,063.00/- were provided annually. The details of free treatment services are given in Annexure-VII.

CHAPTER IV

Summary of Remedial Measure Activities

M/s St. Gregorios International Cancer Care Centre

EC order: F. No. 23-65/2018-IA-III dated 8th April, 2019

1. Remediation plan and Budgetary provisions

SUMMARY OF BUDGETARY PROVISIONS AS PER MoEF& CC					
	Final Report April 2019	- March 2023			
Sl. Plan Total Budget (Rs) Utilised, (Rs)					
1	Remediation Plan	29,70,000 /-	27,37,367 /-		
2	Natural Resource Augmentation Plan	21,50,000/-	13,07,950/-		
3	Community Resource Augmentation Plan	11,25,000 /-	22,87,220 /-		
	TOTAL 62,45,000/- 63,32,537/-				

Table No-1. Summary of Total Budgetary Provisions

1. REMEDIATION PLAN AND BUDGETARY PROVISIONS

SL	Environment	MoEF Budget	Amount utilized
No			
1	Air	3,16,000 /-	1,95,236 /-
2	Ecological	9,90,000 /-	7,82,265 /-
3	Water	13,60,000 /-	13,93,393 /-
4	Land	2,20,000 /-	2,91,956/-
5	Noise	50,000 /-	5,250 /-
6	Socio - economic	34,0000 /-	69,267/-
	Total	29,70,000 /-	27,37,367 /-

SL	Air Environment	MoEF Budget	Amount
No			utilized
1.1.	Air Environment (Revised Budget Allocation (in Rs.)		
1.1.1	The dust suppression and water sprinkling system consists of	Rs. 76,000.	Rs.70, 000/-
	water sprinkler nozzles (about '7 dozen @ Rs. 1,000 per nozzle		
	i.e. Rs. 6,000), Online twin filtration system (Rs. 15,000),		
	Booster pump (1 HP (@ Rs. 10,000)), Water distribution		
	pipeline (LS Rs. 10,000) and water storage tank (5,000 Itr @		
	Rs. 25,000.). Labour cost of Rs. 10,000. The total cost on		
	water sprinkling and dust suppression system is Rs. 76,000.		
1.1.2	Wind breakers / barricades in the periphery of project site (3m. height GI sheet) (Rs. 1, 00,000).	Rs.1, 00,000	Rs.55, 490/-
1.1.3	Vehicle check up camp (@ Rs. 10,000 per camp and Rs.20, 000 annual).	Rs.20, 000	Rs.17,000/=
1.1.4	Ambient air quality monitoring in sensitive areas (@ Rs. 5,000 per month x 12 months i.e.Rs.60,000 x 2 locations= Rs.	Rs. 1,20,000	Rs.52,746/-
	1,20,000).		
	Total	Rs.3,16,000/-	Rs.1,95,236/-

Table No-2- Budgetary provisions and compliance on Air Environment

1.2. Remediation plan and Budgetary provisions for Ecological Environment

SL	Ecological Environment		Amount
No	Bu		utilized
1.2.1.	Plantation with native species of flowering and fruit	6, 16,000	5,51,550/-
	bearing trees to compensate the removal of trees. 560		
	trees within the surrounding area are proposed for		
	plantation at a cost of @ Rs. 1,100 per plant which		
	includes maintenance for three years. The total cost		
	estimate for tree plantation is 560 trees x Rs. 1100 =		
	Rs.6, 16,000.		
1.2.2.	Cost of development of butterfly garden is	1, 64,000	1,30,440/-
	Rs. 1, 64,000 (L.S. estimate).		
1.2.3	Cost of development of medicinal garden is Rs.	1,60,000	54,874/-
	1,60,000 (L.S.estimate).		
1.2.4.	Development of Panchayath park /Avenue plantation	50,000 /-	45,401/-
	towards habitat compensation is Rs.50,000/-		
	Total	9,90,000/-	7,82,265/-
	7,70,000/- 7,62,203/-		

Table No-3.Budgetary Provisions and compliance on Ecological Environment

1.3 Remediation plan and Budgetary provisions for Water Environment

SL No	Water Environment	MoEF	Amount utilized
		Budget	
1.3.1(a)	Rs. 50,000/- for restoration of abandoned wells	50,000/-	43050/-
	(Rs.10,000 x 5 wells)		
1.31(b)	Rs. 50,000/- for water sampling and monitoring	50,000/-	1,68345/-
	(Rs. 5,000 x 10samples)		
1.3.2	Rs. 2,00,000/- for rehabilitation of village	2,00,000/-	2,00,000/-
	pond+		
1.3.3	Rs. 60,000/- towards set up of 2 units of	60,000/-	67260/-
	portable toilet at site (1 for male and 1 for		
	female).).		
1.3.4.	Rs. 5, 50,000 on setting up of an STP of 5 KLD	5, 50,000	4,51,524/-
	capacity		
1.3.5	Rs. 4,00,000 for channelization of storm water	4,00,000	4,35,714/-
1.3.6	Rs.50,000 for frequent cleaning of the vicinity of	Rs.50,000	27,500/-
	site before monsoon		
Total		13,60,000/-	13,93,393/-

Table No-4. Budgetary Provisions and compliance on Water Environment

1.4. Remediation plan and Budgetary provisions for Land, Noise, Socio Economic Environment

SL	Land, Noise, Socio Economic Environment	MoEF	Amount
No		Budget	utilized
1.4.1	Rs. 50,000/- for creating barriers to avoid	50,000/-	1,11,300/-
	erosion and to maintain its integrity so as to use		
	it further forlandscaping		
1.4.2	Rs.10,000 (LS) for printing & distribution of leaflets)	10,000/-	27,500/-
1.4.3	Rs.60,000/- for 20 bins (@Rs.3,000 per bin)	60,000/-	63,156/-
1.4.4	Secured intermediate leachate proof facility for storage (LS.Rs.1,00,000).	1,00,000/-	90,000/-
1.5.1.	Providing Personnel protective equipment	50,000/-	5,250/-
1.6.1.	Providing first aid kits (5 nos.) to the construction sites (public works within the panchayat) Rs. 10,000/- (@Rs. 2,000 per kit].	Rs.10,000/-	1542/-
1.6.2	Providing a wheel chair (2 nos.) + to the primary health centre within the panchayat and in consultation, Rs. 24,000 (@ Rs. 12,000 per wheel chair)	Rs.24,000/-	67,725/-
Total		3,04,000/-	3,66,473/-

Table No-5. Budgetary Provisions and compliance on Land, Noise, Socio Economic Environment

2. NATURAL RESOURCE AUGMENTATION PLAN & BUDGETARY PROVISIONS

SL	Activity	MoEF	Amount utilized
No		Budget	
2.1	Development of greenery in	1,25,000/-	36,400/-
	the surrounding area and		
	roadside plantation		
2.2.	Provision of drinking water facilities through	2,00,000/-	35,640/-
	construction of hand pumps / dug wells / tube		
	wells		
2.3	Maintenance of village road, near the panchayat	10,00,000/-	8,73,860/-
	office or any other badly damaged road in		
	consultation with panchayath		
2.4	Construction of pipeline network in the village	5,00,000 /-	1,15,000/-
	in association with grama panchayath.		
2.5.	Provision of solar system in common areas	1,25,000/-	70,000/-
	through local administration		
2.6.	Rainwater harvesting and ground	1,00,000/-	1,32,050/-
	recharge development+ Construction of storm		
	water drainages in nearby areas		
2.7	Construction of storm with drainages in		45,000/-
	the nearby areas	1,00,000/-	
	•		
		21,50,000/-	13,07,950/-
	Total	,, 2,	,-,

Table No-6. Budgetary Provisions and compliance on Natural Resource Augmentation plan

3. COMMUNITY RESOURCE AUGMENTATION PLAN & BUDGETARY PROVISIONS

SL	Activity	MoEF	Amount
No		Budget	utilized
3.1	Creation of irrigation facilities to the farmers	1,25,000/-	1,06,356 /-
	supporting for irrigation		
3.2	Construction of sanitation facilities (toilet) in	1,25,000/-	59,200/-
	schools and villages		
3.3	Periodic medical check-up camp by appointing	2,50,000 /-	5,08,675/-
	specialist doctor for eyes, skin, heart and dental twice		
	in a year		
3.4	Free of cost distribution of medicine body check up	1,25,000/-	5,17,301/-
	tests in the area		
	Free Covid vaccine		5,45,220/-
3.5	Training to the farmers related to healthcare	50,000 /-	7,168 /-
3.6	Assistance in development of technical skills and	1,00,000/-	76,000/-
	training to the children of farmers and fishermen		
3.7	Assistance in providing study materials, uniform,	1,00,000/-	3,76,000/-
	books to the poor students located nearby area		
3.8	Scholarship to the clever students for higher education	2,50,000/-	91,000/-
	Total	11,25,000 /-	22,87,220 /-

Table No-7. Budgetary Provisions and compliance on Community Resource Augmentation Plan

Chapter V

TERMS & CONDITIONS

Part (I) Specific Terms & Conditions

Remediation plan & budgetary provisions and compliance during April-2019 to March-2023

S.I. No	Particulars	Compliance
I. I	Reme	ediation Plan
1.	1. Air Environment (Revised Budget	Activity done
	Allocation (in Rs.)	
1.1.1	The dust suppression and water sprinkling system consists of water sprinkler nozzles (about '7 dozen @ Rs. 1,000 per nozzle i.e. Rs. 6,000), Online twin filtration system (Rs. 15,000), Booster pump (1 HP (@ Rs. 10,000)), Water distribution pipeline (LS Rs. 10,000) and water storage tank (5,000 Itr @ Rs. 25,000.). Labour cost of Rs. 10,000. The total cost on water sprinkling and dust suppression system is Rs. 76,000.	As per the direction of Kadapra Grama Panchayath authorities completed Kavilpadavil road concrete (length+38 m, width 1.10m) with a total expense of Rs.70, 000/-during March 2023. The work was done by S.K constructions group. Kadpra The completion certificate, (Annexure XIII) and photos are given in detailed report page no-51-52 Total Amount utilized- Rs.70, 000/-
1.1.2	Wind breakers / barricades in the periphery of project site (3m. height GI sheet) (Rs. 1, 00,000).	As per the direction of Kadapra Grama Panchayath authorities supplied 30 numbers of LED Street light sensor 24W (LST-24SEN) ofworth Rs.50, 890/-(1425x30) from Parumala bridge to St.Francis Junction during March 2023. The completion certificate, (Annexure XIII) and photos are given in detailed report page no- 53-54

		Total Amount utilized - Rs.55, 490/-
1.1.3	Vehicle check up camp (@ Rs. 10,000 per camp and Rs.20,000 annual).	In association with Motor Vehicle Department, Thiruvalla, carried out Vehicle checkup camp on 4 th march, 2020. The news is Published in March 6 th edition of Malayala manorama. The completion certificate, (Annexure XIII) and photos are attached in detailed report(page no.55) Total Amount utilized - Rs. 17,000/-
1.1.4	Ambient air quality monitoring in sensitive areas (@ Rs. 5,000 per month x 12 months i.e.Rs.60,000 x 2 locations= Rs. 1,20,000).	Monthly Ambient air quality monitoring were carried out from two sensitive areas of Kadapra Grama panchayath(Taluk hospital Thiruvalla and Govt. HSS, Kadapra)by Standard Environmental and analytical Laboratories, Ernakulam . The completion certificate, (Annexure XIII) and photos are given in detailed report. (Page No. 56-57) Total Amount utilized- Rs.52,746/-
	Total amount=Rs. 3,16,000/-	Rs.1,95,236/-
1.2.1	2. Ecological Environment Plantation with native species of	Activity done As per the direction of District forest department and Secretary, Kadapra grama
	flowering and fruit bearing trees to compensate the removal of trees. 560 trees within the surrounding area are proposed for plantation at a cost of @ Rs. 1,100 per plant which includes maintenance for three years. The total cost estimate for tree plantation is 560 trees x Rs. 1100 =	Panchayath, planted 600 trees in eight different locations of Kadapra panchayath. The plantation of trees was done with an agency "Leaves and Flowers". Location details of tree plantations are mentioned in Table No-3. The completion certificate, (Annexure XIII) and photos are given in detailed report page no-58-72
	Rs.6, 16,000.	Total amount utilized – Rs.5,51,550/-

1.2.2	Cost of development of butterfly garden is Rs. 1, 64,000 (L.S. estimate).	Butterfly Garden was established at Nursing college campus Parumala. The inauguration of butterfly garden was done by H.G. Dr.Yuhanon Mar Chrisostomos Metropolitan on 16/11/2021. The completion certificate, (Annexure XIII) and photos are given in detailed report,Page No-73-75 Total amount utilized- Rs.1,30,440/-
1.2.3	Cost of development of medicinal garden is Rs. 1,60,000	Medicinal Garden was established on the premises of Parumala church. Fr.M.C. Kuriakose and Kadapra panchayath member, inaugurated the function on 06/02/2021.About 60 medicinal plants were purchased from medicinal nursery Karunagappally and planted. The news published in Malayala maorama on 7/06/21.The completion certificate, (Annexure XIII) and photos are given in detailed report, Page No.76-79 Total amount utilized- Rs.54,874/-
1.2.4	Rs. 50,000/- for development of panchayat park / avenue plantation towards habitat compensation.	In consultation with President, Kadapra Grama Panchayath supplied 30 numbers of LED Street light with sensor 24W (LST-24SEN) of worth Rs. 45401/-(1425x30) from Parumala Church to Panayannarkavu during March 2023. The same was distributed by HH Baselios Marthoma MathewsIII and G. Sudhakaran former Minister for Public Works in the Kerala Legislative Assembly, to Smt.Nisha, President, Kadapara during the function on 22 nd March, 2023. The

1 1.3.1	Total =Rs. 9,90,000/- 3. Water Environment	completion certificate, (Annexure XIII) and photos are given in detailed report, Page No-80-81 Total amount utilized- Rs.45401/- Rs.7,82,265/- Activity done As per the direction of Panchayath authorities
(a)	(a). Rs. 50,000/- for restoration of abandoned wells (Rs.10,000 x 5 wells) + Rs. 50,000/- for water sampling and monitoring (Rs. 5,000 x 10samples).	two numbers of restorations of abandoned wells were done through the maintenance of public open dug wells at Kottakkamali , Fig: 31(a) colony and Kavilkizhakkethil, Fig: 32(b) . The work was done by S.K. constructions, Parumala during March 2023. The completion certificate (Annexure XIII) and photos are given in detailed report, Page No-83. Total amount utilized- Rs.43,050/
1.3.1 (b)	(b)(Rs.10,000 x 5 wells) + Rs. 50,000/- for water sampling and monitoring (Rs. 5,000 x 10samples). Total =Rs. 1,00,000/-	Open Dug well water samples (samples=10 no's,) from each location were collected during the year June 2022 to March 2023, and analyzed physio chemical characteristics of water samples by Standard Environmental and analytical Laboratories, Ernakulam. The analytical reports(Annexure-1) and photos are given in detailed report, Page No-84 Total amount utilized-Rs.1,68,345/-
1.3.2	Rs. 2,00,000/- for rehabilitation of village pond	As per the direction of president, Kadapra Grama Panchayath completed the renovation works of Kottakkamali kulikkadavu, that includes construction of new steps, plastering, random rubble stone masonry and desiltation,

		with total expenditure of Rs.2 lakhs.The revival work was carried out by S.K Constructions, Parumala. The completion certificate, (Annexure XIII) and photos are given in detailed report, Page No-84 Total amount utilized- Rs. 2,00,000/-
1.3.3	Rs. 60,000/- towards set up of 2 units of portable toilet at site (1 for male and 1 for female).	Installed two units of portable toilet (1 for male and 1 for female) for Kannassa Smaraka Govt. Higher Secondary School, Kadapra during the month of November 2019. The completion certificate, (Annexure XIII) and photos are given in detailed report, Page No-86 Total amount utilized – Rs.67,260/-
1.3.4	Rs. 5, 50,000 on setting up of an STP of 5 KLD capacity.	As per the direction of Panchayath authorities, a fixed dome bio gas plant with 150 Kg capacity solid waste /day were set up in nursing college campus, Parumala, The biogas plant serves as the dual purpose of processing the waste and providing cooking gas for around five hours for the hostel mess. Apart from providing cooking gas, the slurry from the plant can be used as manure for the plants and garden maintained at the campus. The bio gas plant was inaugurated by H.G. Dr. Yuhanon Mar Chrisostomos Metropolitan and Fr. M. C. Paulose, CEO, Parumala hospital The completion certificate (Annexure XIII) and photos are given in detailed report, Page No-87. Total amount utilized-Rs. 4,51,524/-

1.3.5	Rs. 4,00,000 for Channelization of	As per the direction of Panchayath Authorities
	storm water	the fund is utilized for the cannnelisation of
		storm water drainage through Arikkappuram
		padam, Parumala. According to farmers, near
		Arikkappuram Paddy field, they are facing the
		flooding in the paddy fields due to blockage in
		the storm water drainage. For years these
		storm water drainages are not cleaned or silt
		removed. Hence the storm water drainage
		system the paddy field and nearby residential
		areas were cleared off the dirt and debris
		accumulated so as to ensure easy flow of rain
		water. The completion certificate(Annexure
		XIII) and photos are given in detailed report,
		Page No-88-89.
		Total amount utilized-Rs.4,35,714
1.3.6	Rs.50,000/- for frequent cleaning of the vicinity of site before monsoon. Total cost on remediation measures	As per the direction of Panchayath Authorities completed construction of R.C.C slab for road at Kurumbaleswaram, Kadapra with a total
	on Water Environment is Rs.13,60,000/-	expense of Rs.27500/ The work was done by S. K. constructions group, Parumala during March 2023. The completion certificate (Annexure XIII) and photos are given in detailed report, Page No.90-92. Total amount utilized-Rs.27,500/-
	on Water Environment is Rs.13,60,000/-	S. K. constructions group, Parumala during March 2023. The completion certificate (Annexure XIII) and photos are given in detailed report, Page No.90-92. Total amount utilized-Rs.27,500/-
1	Total amount=Rs. 13,60,000/-	S. K. constructions group, Parumala during March 2023. The completion certificate (Annexure XIII) and photos are given in detailed report, Page No.90-92.
1	on Water Environment is Rs.13,60,000/-	S. K. constructions group, Parumala during March 2023. The completion certificate (Annexure XIII) and photos are given in detailed report, Page No.90-92. Total amount utilized-Rs.27,500/-
1 1.4.1.	Total amount=Rs. 13,60,000/-	S. K. constructions group, Parumala during March 2023. The completion certificate (Annexure XIII) and photos are given in detailed report, Page No.90-92. Total amount utilized-Rs.27,500/- Rs.13,93,393/- As per the request from president, Kadapra
	Total amount=Rs. 13,60,000/- 4.Land Environment	S. K. constructions group, Parumala during March 2023. The completion certificate (Annexure XIII) and photos are given in detailed report, Page No.90-92. Total amount utilized-Rs.27,500/-

	landscaping.	panchayath during the fifth anniversary function of St. Gregorios International Cancer Care Center on 23/11/2021. His Holiness Bava Thirumeni inaugurated the function and gave out wheelchair. The President of Kadapra panchayath is present at the function and received the wheelchairs. The completion certificate(Annexure XIII) and photos are given in detailed report, Page No.93-95 Total amount utilized-Rs.1,11,300/-
1.4.2	Rs. 10,000 (LS) for printing & distribution of leaflets.	Printed and distributed leaflets for the Environment awareness campaign. The photos are given in detailed report, Page No. 96-98 Total amount spent-Rs. 27,500/-
1.4.3	Rs. 60,000/- for 20 bins (@Rs. 3,000 per bin	As per the direction of Kadapra Panchayath authorities, twenty numbers of drum waste bin (100 liter) with swing lid of worth Rs. 63156/-were provided to <i>L. P</i> School, Palachuvad, Seminary school, Kadapra, St. Francis School, Parumala, Govt. L.P School, Kadapra during the years 2021-23. The completion certificate (Annexure XIII) and photos are given in detailed report, Page No.99. Total amount utilized-Rs. 63,156/-
1.4.4	Secured intermediate leachate proof facility for storage (LS. Rs. 1,00,000).	As per the direction of Panchayath Authorities the fund is utilized for completed the work of desilting and mud removal of Kalluvarathil

		Kulikadavu with a total expense of Rs. 90,000/-during March 2023. The completion certificate(Annexure XIII) and photos are given in detailed report, Page No.100. Total amount spent-Rs. 90,000/-
	5.Noise Environment	
1.5.1	Providing Personnel protective equipment's (PPE) to the Health Department of the panchayat Rs. 50,000/- (LS.). Total cost on remediation measures on Noise Environment is Rs.50,000/-	As per the direction of Health department, Personnel Protective Equipment's (2000 masks and 250 Hand sanitizer) were provided to primary health center during COVID-19 pandemic period. The completion certificate(Annexure XIII) and photos are given in detailed report, Page No.101,102. Total amount utilized-Rs. 5250/-
1.6.1	Providing first aid kits (5 nos.) to the construction sites (public works within the panchayat) [Rs. 10,000/- (@Rs. 2,000 permit].	Five numbers of first aid kits were provided to workers of NREG scheme workers of Kadapra grama panchayath. The completion certificate(Annexure XIII) and photos are given in detailed report, Page No.102. Total amount utilized-Rs.1542/-
1.6.2	Providing a wheel chair (2 nos.) + to the primary health centre within the panchayat and in consultation. [Rs.	As per the direction of Panchayath authorities and health department, twelve numbers of wheel chair were provided to Public Health

Total amount= Rs.3,04,000/-	Rs.3,66,473/-
	photos are given in detailed report, Page No.103. Total amount utilized-67,725/-
	completion certificate(Annexure XIII) and

2. Natural Resource Augmentation plan & budgetary provisions

S.I. No	Particulars	Compliance
2.1	Rs. 1,25,000/- for development of greenery in the surrounding area and road side plantation	St.Gregorios International Cancer Care Centre in association with Forest Department and Kadapra Grama panchayath planted 60 tree saplings for bio diversity enhancement by native species of trees during the month of June, July, 2021. The completion certificate(Annexure XIII) and photos are given in detailed report, Page No.105-106. Total amount utilized - Rs.36,400/-
2.2	Rs.2,00,000/- for provision of drinking water facilities through construction of hand pumps / dug wells / tube wells. hand pups / wells per year in the nearby villages with maintenance	From President Kadapra grama panchayth, it was noted that the public well-located in the Valethucolony was not used by household heads and it was in the abandoned state. The well maintenance was carried out, provided separate motor and pipeconnection to 10house holders, (Fig:52-56). The Inauguration of drinking water facility for Valethu Colony, Kadapra Panchayath, Parumala was done H.G.

		Dr. Yuhanon Mar Chrisostomos Metropolitan.Fr. M. C Poulose, CEO, Parumala hospital and
	Rs. 10,00,000/- for maintenance of village	Sri.ShibuVarghese,President ,Kadapra Grama Pancahyath and Fr.Kuriakose. The completion certificate(Annexure XIII) and photos are given in detailed report, Page No.107-110. Total amount utilized- Rs.35,640/- After discussion with Panchayath
2.3(a)	road, near the panchayat office or any other badly damaged road in consultation with panchayat (7 m. carriage way (1 km. length)	authorities, it was noticed that the road was in deterioration and there was no other options for transportation for the public. The AE of the Panchayath visited the site and, according to the estimate given by the AE, completed the re concreting work of Kottakkamalai road, ward No-9, Kadapra Grama panchayath. In accordance with the estimated amount, quotations had been requested and the work permit was issued to the tender given by SSA Labour contract Co Operative Society. The work was completed, in the first section of work during September, 2019, maintenance and improvement of the road carried out and reconcreting of the road has been completed during March,2019. The completion certificate(Annexure XIII) and photos are given in detailed report, Page No.111-112
2.3(b)	Maintenance and road levelling at Kavil Kizhakethil Kochuparambil road, ward No-9, Kadapra Grama Panchayath	Amount utilized- Rs. 5,01,360/-

As per the request of house holders, committee members and panchayath Authorities, visited the site and noticed that, with the frequent flooding the road was severely damaged and the only means of transportation to them. As per the agreement signed in between Secretary, Kadapra Grama Panchayath and Fr. M. C. Paulose, CEO, Parumala hospital, quotations had been requested for raising of road to 1 meter height and also for road leveling of 150 m length. Hence the work permit was issued to tender given by Mr.Rony Thomas, Kalleckalparambil, Kadapra, Mannar . The inauguration was done by H.G. Dr. Yuhanon Mar Chrisostomos Metropolitan, Smt. Nisha, Panchayth president and Fr. M. C. Paulose, CEO on 17/02/2022. The news was telecasted in the local Television (Fig: 60). The photos (Fig: 59) and the completion certificate is attached Annexure XIII, Page no-113-114.

Total amount utilized- Rs. 8,73,860/-

Rs. 5,00,000/- for construction of pipeline network in the village in association with grama panchayat and water resource department (Kerala Water Supply Authority)

2.4

As per the direction of Panchayath Authorities the fund is utilized for concreting Ashariparambu nadavazhi (length +58 m, width 1.25m) with a total expenditure of Rs.1.15.000/- have been completed by S.K construction group during February, 2023. The completion certificate(Annexure XIII) and photos are given in detailed report, Page No.115

		Total amount utilized- Rs.1.15.000/-
2.5	Rs.1,25,000/- for provision of solar system in common areas through local administration	As per the direction of Panchayath authorities, installed the solar system to Public Health centre, Kadapra Grama Panchayath.and seminary school, Parumala The completion certificate(Annexure XIII) and photos are given in detailed report, Page No.116-117 Total amount utilized- Rs.70,000/-
2.6	Rs.1,00,000/- for Rain water harvesting and ground water recharge	Rainwater harvesting and groundwater recharge that includes 170 feet path rain water gutter, Roof top PVC path works, Ring work with a total expenditure of Rs.1,03,250/-have been successfully implemented in the L.P School complex, Palachuvad, Kadapra, Parumala. The completion certificate(Annexure XIII) and photos are given in detailed report, Page No.118-119. Total amount utilized -Rs.1,32,050/-
2.7	Rs.1,00,000/- construction of storm water drainages in the nearby areas	As per the direction of Panchayath authorities, constructed side wall for culvert in Kurumbaleswram, Kadapra with a total expenditure of Rs.45,000/- during March 2023 The work was done by S.K. Construction group during March 2023. The completion certificate(Annexure XIII) and photos are given in detailed report, Page No.119-120 Total amount utilized- Rs. 45,000/-

	Total amount=Rs.21,50,000/-	Rs. 13,19,810/-
3	Community Resource Augmentation plan	
3.1.	Rs.1,25,000/- for creation of irrigation facilities to the farmers supporting for irrigation	Two numbers of Kirloskar 10 Hp mono block pump sets of worth Rs.1, 06,356/were supplied for irrigation of Paddy field and Karimbukrishi (Eda-punja padasekhara samithi, and Pumba karimbukarshaka samithi) of Kadapra grama panchayath. And the same was distributed by G. Sudhakaran former Minister for Public Works in the Kerala Legislative Assembly, to agriculture officer during the function on 22 nd March, 2023. The completion certificate(Annexure XIII) and photos are given in detailed report, Page No.121-122
3.2	Rs.1,25,000/- for construction of sanitation facilities (toilet) in schools and villages(5toilets each year)	Discussed the matter with panchayath authorities, as all schools in the panchayath have sanitation facilities. Hence supplied, lap top, wheel chair to Najnodaya special school, rice for community kitchen with a
		total expense of Rs.59, 200/- during the year 2020 to 2023. This was distributed by G. Sudhakaran former Minister for Public Works in the Kerala Legislative Assembly, to agriculture officer during the function on 22 nd March, 2023. The completion certificate(Annexure XIII) and photos are given in detailed report, Page No-123. Total amount utilized- Rs.59,200/-

3.3	Rs 2,50,000/- for periodic medical check-
	up camp by appointing specialist doctor
	for eyes, skin, heart and dental twice in a
	year

Periodic medical check up camps were done by specialist Doctors for eyes, skin, heart and dental from the year 2022. Also free of cost Covid 19 pandemic vaccine were also distributed during March,2022. About 699 persons were taken free Covid 19 pandemic vaccine. Health awareness for cancer care local people given to from Kadaprapanchayath. The campaign was conducted at St Gregorios seminary church by Dr. Parumala Anto Baby. completion certificate(Annexure XIII) and photos are given in detailed report, Page No.124.

Total amount utilized- Rs. 5, 08,675/-

3.4 **Rs. 1,25,000/-** for free of cost distribution of medicine body check up tests in the area

Free of cost distribution of medicine, body check up tests in the area for Rs.517301/were carried out during the year 2022. Also free of cost Covid 19 pandemic vaccine worth Rs. 5,45,220/-were distributed during March, 2022. About 699 persons were taken free Covid 19 pandemic vaccine. Health awareness for cancer care was given to local from Kadaprapanchayath. people The campaign was conducted at St Gregorios seminary church Parumala by Dr. Anto. The completion certificate(Annexure XIII) and photos are given in detailed report, Page No.129.

Total Amount Utilized:Rs.10,62,521/-

3.5	Training to the farmers related to healthcare	Health awareness for cancer care were given to local people from Kadapra panchayath. The campaign was conducted at St Gregorios seminary church Parumala by Dr. Anto Baby. The completion certificate(Annexure XIII) and photos are given in detailed report, Page No.130-131. Total amount utilized- Rs.7,168/-
3.6	Assistance in development of technical skills and training to the children of farmers and fishermen	As part of Community Resource Augmentation plan, 10 LED TV were given to students for online class during Covid 19 pandemic period of 2020. Smt. Nisha, Panchayth president Kadapra, received and distributed LED TV to the poor students from the schools named St.Annes Girls High School, Parumala, KVLPS, Parumala, Govt. L.P School, Parumala, St.Mary Higher secondary school, Parumala, MDMEMLP School, Parumala, N.S High School, Parumala. The completion certificate(Annexure XIII) and photos are given in detailed report, Page No.132-133. Total amount utilized- Rs.76,000/-
3.7	Assistance in providing study materials, uniform, books to the poor students located nearby area	As part of Community Resource Augmentation plan, conducted JYOTHIS on 20/06/2021. Hon'ble Health Minister, Smt. Veena George inaugurated the function and distributed lap top (model LAP TOP HP 15S DU 1052VTU) to PHC, 63 numbers of smart phone and 10 LED TV for online class during Covid 19 pandemic

		period of 2021. Smt.Nisha, Panchayth
		president and Mr. Prasanth, Health
		Inspector, PHC, Kadapra, received the lap
		top. The smart phone and LED TV were
		given to poor students from the schools
		named, Govt.LPS, Parumala, St Francis
		School, Seminary school, KVLPS,
		Parumala. The completion certificate
		(Annexure XIII) and photos are given in
		detailed report, Page No.133-135.
		Total amount utilized- Rs.3,76,000/-
3.8	Scholarship to the clever students for	Scholarship to nine students (Rs.10,000/-
	higher education	each), who got A plus in all subjects in
		SSLC or Plus two examinations conducted
		on 2020 from different schools of
		KadapraGramapanchayath .The
		Scholarships for students were distributed
		by H.H Moran Mar Baselios Marthoma
		Mathews III at the Inaugural function of
		cardiology division of Parumala hospital on
		14/02/2021.The completion certificate
		(Annexure XIII) and photos are given in
		detailed report, Page No.136-137.
		Total amount utilized- Rs.91,000/-
	Total amount=Rs. 11,25,000/-	Rs. 22,87,220/-

SUMMARY OF BUDGETARY PROVISIONS AS PER MoEF& CC						
	Final Report April 2019 – March 2023					
	Plan MoEFBUDGET Amount					
Sl.No		(Rs)	Utilised (Rs)			

1	Remediation Plan	29,70,000 /-	27,37,367 /-
2	Natural Resource Augmentation Plan	21,50,000/-	13,07,950/-
3	Community Resource Augmentation Plan	11,25,000 /-	22,87,220 /-
	TOTAL	62,45,000/-	63,32,537/-

- i. Total budgetary provision with respect to Remediation plan and Natural &Community resource Augmentation plan is rupees 62,45,000/-. Therefore, project proponent shall be required to submit a bank guarantee of an amount of Rupees 62,45,000/- towards Remediation plan and Natural and Community Resource Augmentation plan with the SPCB prior to the grant of EC.-
 - a. Submitted a bank guarantee of an amount of Rupees 62,45,000/- as per Remediation plan and Natural and Community Resource Augmentation plan to SPCB
 - ii. Remediation plan shall be completed in 3 years whereas bank guarantee shall be for 5 years. The bank guarantee shall be released after successful implementation of the EMP, followed by recommendations of the EAC and approval of the regulatory authority.
 - a. For the successful implementation of the project Separate staff is appointed and all the work should be carried out as per the direction of local Govt. authorities
 - iii. The PP shall submit the proof of credible action taken by the concerned state government/ state pollution control board under the provisions of the section 19 of the Environment Protection Act 1986 to the MoEF&CC- Noted and complied.
 - iv. Fund allocation for Corporate Environment Responsibility (CER) of Rs. 1.922 crores (2% of project cost). Noted and complied
 - v. Approval/permission of the CGWA/SGWA shall be obtained before drawing ground water for the project activities. State Pollution Control Board (SPCB) concerned

shall not issue Consent to Operate (CTO) till the project proponent obtains such permission.- Noted and complied.

vi. The PP shall construct rain water storage tank of capacity 2,200 KL (equivalent to 11 days of daily fresh water requirement).

Constructed rain water storage tank of capacity 2,200 KL- constructed rain water storage tank of capacity 2,200 KL (equivalent to 11 days of daily fresh water requirement

2. General conditions

1. The project authorities shall adhere to the The project is carried out as per the stipulations made by the State Pollution stipulations made by State Pollution Control Board, Central Pollution Control Control Board, Central Pollution Board, State Government and any other Control Board, State Government and statutory authority other statutory authority No further expansion or modifications in 2. Not conducted any further expansion the plant shall be carried out without prior or modifications approval of the Ministry of Environment, Forest and Climate Change. In case of deviations or alterations in the project proposal from those submitted to this Ministry for clearance, a fresh reference shall be made to the Ministry to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any. The locations of ambient air quality The locations of ambient air quality 3 monitoring stations were decided in monitoring stations shall be decided in consultation with the State Pollution consultation with the State Pollution Control Board (SPCB) and analyses Control Board (SPCB) and it shall be were carried out as per their ensured that at least one station each is instructions. Analysis as per NAQ installed in the upwind and downwind standards were carried out in the site direction well as where maximum

	ground level concentrations are anticipated.	as well in two sensitive areas of Kadapara grama panchayath and air quality monitoring was carried out by Std Laboratories, Ernakulam. The analysis reports are attached in detailed report.(Fig:4,5) and annexure-III
4	The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16*h November, 2009 shall be followed.	Following the Standards of National Ambient Air quality Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16*h November, 2009.
5.	The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under Environment (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (day time)and 70 dBA (night time).	Noise level monitored and is well within limits. The overall noise levels in and around the hospital area are kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The reports are attached as Annexure-IV
6	The Company shall harvest rainwater from the roof tops of the buildings and storm water drains to recharge the ground water and use the same water for the process activities of the project to conserve freshwater.	Constructed rain water storage tank of capacity 2,200 KL- (equivalent to 11 days of daily fresh water requirement). The roof run-off from the site will be appropriately channelized to the storm water collection tank (2,200 KL total storage capacity) within the site and surface run-off will be connected to the external storm water drain available at site.(see Annexure-V)

7	Training shall be imparted to all employees on safety and health aspects of chemicals handling. Pre-employment and routine periodical medical examinations for all employees shall be undertaken on regular basis. Training to all employees on handling of chemicals shall be imparted.	Basic Life Support Training has been given to employees on safety and health aspects. Routine periodical medical examinations for all employees are undertaken on regular basis. (see Annexure-VI).
8	The company shall also comply with all the environmental protection measures and safeguards proposed in the documents submitted to the Ministry. All the recommendations made in the EIA/EMP in respect of environmental management, and risk mitigation measures relating to the project shall be implemented	The hospital is working with all the environmental protection measures and safeguards proposed in the documents submitted to the Ministry. All the recommendations made in the EIA/EMP in respect of environmental management, and risk mitigation measures relating to the project to nullify or minimize impacts on the environment by MoEF remedial measure activities
9	The company shall undertake all relevant measures for improving the socio-economic conditions of the surrounding area. ESC activities shall be undertaken by involving local villages and administration.	The hospital is undertaking various ESC activities for improving socio economic conditions of the society. And these activities are carried out as per the direction of local village and administration. Free medical check-up camps, free laboratory services and free medicines of Rs.4,38,90,063.00/-were provided annually. The details of free treatment services from 01.04.2022 to 31.03.2023 are mentioned in Annexure VII

The company shall undertake ecodevelopmental measures including community welfare measures in the project area for the overall improvement of the environment.

Activities are done for the progress and improvement of eco-developmental measures including community welfare measures in the area for the overall improvement of the environment. Details are in Annexure VIII.

A separate Environmental Management
Cell equipped with full fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions.

A separate Environmental Management Cell was set up to carry out the Environmental Management and Monitoring functions with a NABL accredited lab representative and appointed a staff for implementation of the project. Details are in Annexure IX

The company shall earmark sufficient funds towards capital cost and recurring cost per annum to implement the conditions stipulated by the Ministry of Environment, Forest and Climate Change as well as the State Government along with the implementation schedule for all the conditions stipulated herein. The funds so earmarked for environment management/ pollution control measures shall not be diverted for any other purpose.

The hospital has sufficient funds towards capital cost and recurring cost annum to implement per conditions stipulated by the Ministry of Environment, Forest and Climate Change well the State as Government with the along implementation schedule for all the conditions stipulated herein. hospital has given a bank guarantee for an amount equivalent to carry out activities suggested and the environment management /pollution control board. The funds earmarked environment for management/ pollution control measures are utilized all remedial measures

13	A copy of the clearance letter shall be sent by the project proponent to concerned Panchayath, Zilla Parishad/Municipal Corporation, Urban local Body and the local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal.	stipulated in the budgetary provisions given by MoEF. A copy of the clearance letter was sent by the project proponent to Kadapra Grama Panchayath and acknowledgement received. Details are in Annexure X
14	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated Environmental Clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF&CC, the respective Zonal Office of CPCB and SPCB. A copy of Environmental Clearance and six monthly compliance status reports shall be posted on the website of the company.	Six monthly reports on the status of compliance of the stipulated Environmental Clearance conditions including results of monitored data (both in hard copies as well as by email) are ready and will be sent to the respective Regional Office of MoEF&CC, the respective Zonal Office of CPCB and SPCB and Parivesh portal. A copy of Environmental Clearance and six monthly compliance status reports are posted on the website of hospital.

The environmental statement for each 15 financial year ending 31st March in Form-V as is mandated shall submitted to the concerned Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the respective Regional Offices ofMoEF&CCbye-mail.

The environmental statement for each financial year ending 31st March 2019 in Form V was submitted to the KSPCB as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently. The company will put Form V on the website of the company along with the status of compliance of EC conditions and will also sent to the respective Regional Offices of MoEF&CC by email. Details are in Annexure XI

The project proponent shall inform the 16 public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB/Committee and may also be seen at Website of the Ministry at http://moef.nic.in. This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same shall be forwarded to the the Regional Office of concerned Ministry.

Environmental Clearance bv the Ministry and copies of the clearance are available with SPCB/Committee and may also be seen at Website of the Ministry at http://moef.nic.in. This was advertised with in seven days from the date of issue of the clearance letter, in daily news papers like Malayala Manorama, Mathrubhumi, and in Hindu that are widely circulated in the region of which one was in malayalam(vernacular language of the locality concerned)and a copy of the same was forwarded to the concerned Regional Office of the Ministry. Details are in Annexure XII

The project authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project.

17

The project authorities will inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project.

Chapter VI REMEDIATION PLAN ACTIVITIES

1. Budgetary provisions and expenditure

SL	Environment	Deposit	Amount utilized
No		Amount	
1	Air	3,16,000 /-	1,95,236 /-
2	Ecological	9,90,000 /-	7,82,265 /-
3	Water	13,60,000 /-	13,93,393 /-
4	Land	2,20,000 /-	2,91,956/-
5	Noise	50,000 /-	5,250 /-
6	Socio - economic	34,0000 /-	69,267/-
	Total	29,70,000 /-	27,37,367 /-

Total Deposit Amount: Rs. 29,70,000/-

Amount utilized: Rs. 27, 37,367 /-

1.1. Remediation plan activities for Air Environment

Budgetary provision on Air Environment - Rs. 3, 16,000/-

Amount utilized: Rs.1,95,236 /-

1.1.1. Activity: Rs. 76,000/- for the dust suppression and water sprinkling system

Beneficiary: Kadapra Grama Panvhayath

Location: Kavil Padavil

Location coordinates: 9.3290752⁰ / 76.537714⁰

Deposit Amount Rs. 76,000. **Amount spent:** Rs. 70,000.

Acknowledging Authority: Smt. Nisha, President, KadapraGrama Panchayth

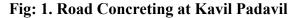
Mobile: 9895014693

Activity executed: In consultation with the secretary, Kadapra Grama Panchayath, completed Kavil padavil road concrete (length+38 m, width 1.10m) with a total expense of Rs.70, 000/during March 2023. The work was done by S.K constructions group. Kadpra. The completion certificate is enclosed below. The photos (Fig: 1) and the completion certificate is attached as Annexure XIII.











1.1.2. Activity: Rs. 1,00,000/- for Wind breakers in the periphery of project site

Beneficiary : Kadapra Grama Panvhayath

Location : Parumala bridge to St. Francis Junction

Location coordinates : 93290822⁰ / 76.43824⁰

Deposit Amount : Rs. 1, 00,000/-**Amount spent** : Rs. 55490/-

Acknowledging Authority : Smt. Nisha, President, Kadapra Grama Panchayth

Mobile : 9895014693

Activity executed: In consultation with President, Kadapra Grama Panchayath supplied 30 numbers of LED Street light with sensor 24W (LST-24SEN) of worth Rs. 45401/- (1425x30) from Parumala bridge to St.Francis Junction during March 2023. The same was distributed by HH Baselios Marthoma MathewsIII and G. Sudhakaran former Minister for Public Works in the Kerala Legislative Assembly, to Smt.Nisha,President,Kadapara during the function on 22 nd March, 2023. The photos (Fig:2,3) and the completion certificate is attached as Annexure XIII.



Fig: 2. Smt.Nisha, president, Kadapra panchayath receiving the light from H.H.Baselios Marthom MathewsIII and G. Sudhakaran, Ex. Minister







Fig 3. LED Street light with sensor from Parumala bridge to St.Francis Junction

1.1.3. Activity : Rs. 20,000 for Vehicle check up camp

Location: Kadapra PanchayathLocation coordinates: 9.332322/76.53921

Deposit amount : Rs.20, 000/-**Amount spent :** : Rs. 17,000/-

Activity executed : Public awareness campaigns and Vehicle checkup camp, in association with Motor Vehicle Department, Thiruvalla, were carried out in and around areas of Kadapra Panchayath, on 4th march, 2020 and 20th December 2021. The news regarding the vehicle checkup camp was published in March 6th edition of Malayala manorama. The photos (Fig. 4, 5) and the completion certificate is attached as Annexure XIII.





Fig: 4. Motor Vehicle Department officials during the camp



Fig: 5. News regarding Vehicle check up camp

1.1.4. Activity: Rs.1,20,000/- for Ambient air quality monitoring in two sensitive

areas of Kadapra Grama Panchayath

Location: Govt UP school, Kadapra and Taluk hospital

Location coordinates: 9.433353/76.42952

Deposit amount: Rs. 1, 20,000 /-

Amount spent: Rs. 52,746/-

Activity executed: Monthly Ambient air quality monitoring were carried out from two sensitive areas of Kadapra Grama panchayath (Taluk hospital and Govt. HSS, Kadapra) by Standard Environmental and analytical Laboratories, Ernakulam. The photos(Fig:6,7) and the completion certificate is attached as Annexure XIII.





Fig: 6. Ambient Air quality monitoring at Govt HSS, Kadapra







Fig: 7. Ambient Air quality at Taluk hospital

1.2. Ecological Environment Budgetary provisions and expenditure

Deposit Amount - Rs. 9, 90,000/-

Amount Utilized- Rs. 7, 82,265/-

SL	Ecological Environment	Deposit	Amount utilized
No		Amount	
1.2.1.	Plantation with native species of flowering and fruit bearing trees to compensate the removal of trees. 560 trees within the surrounding area are proposed for plantation at a cost of @ Rs. 1,100 per plant which includes maintenance for three years. The total cost estimate for tree plantation is 560 trees x Rs. 1100 = Rs.6, 16,000.	6, 16,000	5,51,549/-
1.2.2.	Cost of development of butterfly garden is Rs. 1, 64,000 (L.S. estimate).	1, 64,000	1,30,440/-
1.2.3	Cost of development of medicinal garden is Rs. 1,60,000 (L.S.estimate).	1,60,000	54,874/-
1.2.4.	Development of Panchayath park /Avenue plantation towards habitat compensation is Rs.50,000/-	50,000 /-	45401/-
Total		9,90,000/-	7,82,265/-

Table No: 8.Total Budgetary provisions and expenditure for Ecological Environment

1.2.1. Plantation with native species of flowering and fruit bearing trees

Activity: Plantation with native species of flowering and fruit bearing trees to compensate the removal of trees. 560 trees within the surrounding area are proposed for plantation at a cost of @ Rs. 1,100 per plant which includes maintenance for three years.

Amount Utilized: Rs. 5,51,549/-

Total Number of trees planted 600

Activity executed: As per the direction of District forest department and Secretary, Kadapra grama Panchayath, planted 600 trees in eight different locations of Kadapra panchayath. The plantation of trees was done with an agency "Leaves and Flowers". Location details of tree plantations are mentioned in Table No-3

S.l.	Location	Number	Latitude	Amount
No		of trees	/Longitude	spent
		planted		
1.	Straw board factory, Thikkapuzha, Kadapra	20	9.33232 / 76.53903	5,515/-
2.	Govt. UP School, Kadapra	60	9.343 / 76.53	55,515/-
3.	Govt.Ayurveda Hospital,Randam	64	9.32907653/76.5376	58,832
	kurisu,Kadapra			
4.	St. Gregorios hospital ,Parumala	60	9.3266/ 76.53935	55115/-
5.	Nursing College, Parumala	200	9.323 / 76.53	183850/-
6.	Syntex Rose High School, Thikkapuzha,	150	9.33 / 76.53	1,37,887/-
	Kadapra			
Total		600	Rs. 5,51,549/-	

Table No. 9. Location details of Tree plantation

A. Location Number 1.- Straw board factory, Thikkapuzha, Kadapra

Number of trees planted - 20

Latitude /Longitude- 9.33232 / 76.53903

Amount spent- Rs.5515

Contact Address - Mr.Sunil, Manager, Straw board factory, Thikkapuzha, Kadapra

Activity executed: St. Gregorios International Cancer Care Centre in association with Forest Department and Kadapra Grama panchayath, planted 20 tree saplings for bio diversity enhancement with native species (Table No.9) at the compound of strawboard factory. The function was inaugurated by H.G. Dr. Yuhanon Mar Chrisostomos Metropolitan by planting the tree saplings. Fr.M.C Poulose, CEO, Parumala hospital and Sri.Shibu Varghese, President, Kadapra Grama Pabchayath and Fr. Kuriakose planted the trees. The photos (Fig. 8-12) and the completion certificate is attached as Annexure XIII.



Fig: 8. Hybrid plant saplings purchased

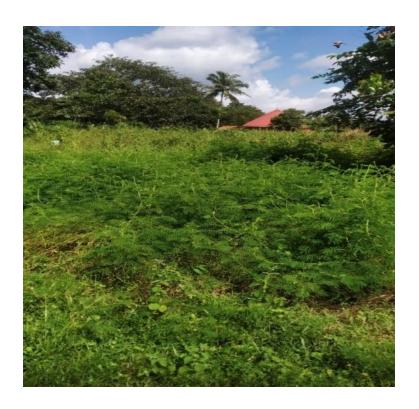


Fig: 9. Initial condition of the land



Fig: 10. H.G. Dr. Yuhanon Mar Chrisostomos Planting tree saplings







Fig: 11. Other dignitaries who planted the trees













FIG: 12. PRESENT STATUS OF TREES PLANTED

B. Location No- 2. Govt.U. P School, Kadapra

Number of trees planted: 60

Location: Govt.U. P School, Kadapra

Location cordinates: 9.53242 / 76.5329

Amount spent : Rs. 55,515

Acknowledging Authority- Mr.Ramesh Kumar, Head Master,. Govt.U. P School,

Mob: 9495734406

Activity executed: St.Gregorios International Cancer Care Centre in association with Forest Department and Kadapra Grama panchayath, planted 60 tree saplings for bio diversity enhancement by native species of trees (Table No.9) during the month of June- July,2021. The photos (Fig:13,14) and the completion certificate is attached as Annexure XIII.





Fig: 13.Planting Tree sapling













Fig: 14.Present status of Trees Planted

C. Location No -3- Govt Ayurveda Hospital ,Randamkurisu, Kadapra

Latitude /Longitude: 9.32907653/76.537652

Beneficiary: Govt Ayurveda Hospital, Randamkurisu, Kadapra

Amount Spent Rs.58, 832/-

Acknowledging Authority: Medical officer, Govt. Ayurveda Hospital

Mob:- 9446273969

Activity executed: As per the direction of District forest department and Secretary, Kadapra grama panchayath, planted different species of plants (Table No.9) at the compound of Govt Ayurveda Hospital Randamkurisu, Kadapra. The photos (Fig: 15, 16) and the completion certificate is attached as Annexure XIII.







Fig: 15. Initial condition of land and tree saplings for plantation

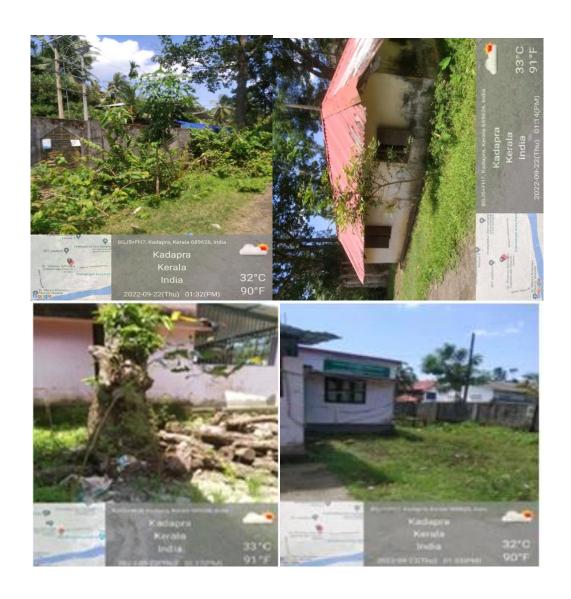


Fig: 16. Present status of trees planted at Govt Ayurveda Hospital,Randamkurisu, Kadapra

D. Location No -4. St Gregorios hospital, Parumala

Latitude /Longitude- 9.3680725/76.2576

Amount spent- Rs.55, 115/-

Activity executed: As per the direction of District forest department and Secretary, Kadapra grama panchayath, planted different species of 60 Number of plants (Table No.3) at the compound of St Gregorios hospital, Parumala Kadapra. The photos (Fig. 17, 18) and the completion certificate is attached as Annexure XIII.









Fig: 17. Plantation of trees















Fig: 18. Present status of trees planted

E. Location No- 5- Nursing College, Parumala

MoEF activity: Plantation with native species

Latitude /Longitude : 9.323/76.53

Beneficiary: Nursing College, Parumala

Amount spent : 1,10,000/-

Acknowledging Authority: Prof.K.A Tessy, Principal, Nursing College, Parumala

Mobile number: 9447568823

Activity executed: As per the direction of District Forest department and Secretary, Kadapra grama panchayath, planted 200 numbers of different species of fruit bearing plants like Psidiumguava, MangiferaIndica, jack fruit tree, Tamarind, Arali were planted during the month of June 2020 and January2021. The photos and completion certificate is enclosed below. (Fig: 19-21)



Fig: 19. Initial stage of land



Fig: 20.Land Preparation



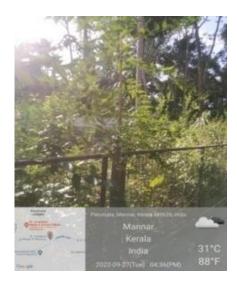








Fig: 21. Present status of trees planted

F. Location No- 6- Syndesmos High School, Thikkapuzha, Kadapra

Latitude /Longitude: 9.33220/76.53120

Beneficiary: Syndesmos High School, Thikkapuzha, Kadapra

Amount spent: Rs.137887

Acknowledging authority: Smt Deepthi, Principal, Nursing College, Parumala

Mobile number: 999579152

Activity executed: As per the direction of District forest department and Secretary, Kadapra grama panchath, planted 150 numbers of different species of fruit bearing plants like Psidium Gujava, Mangifera Indica, Jack fruit tree, Tamarind, Arali were planted during the month of June 2020 and January 2021. The photos (Fig:22,23) and the completion certificate is attached as Annexure XIII.

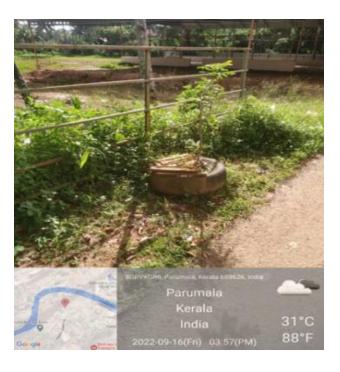




Fig: 22. Land preparation









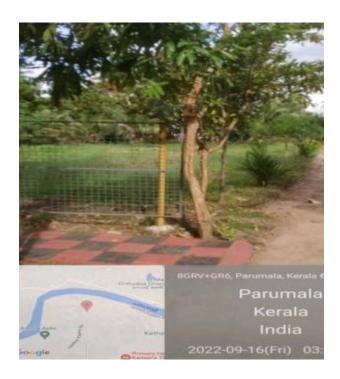


Fig: 23. Present status of trees plant

1.2.2. Activity Rs. 1, 64,000 for development of butterfly garden

Location: Nursing College Campus, Parumala, Kadapra

Location coordinates: 9.32559/76.53618

Deposit amount: Rs. 1, 64,000 **Amount utilized:** Rs .1, 30,440/-

Acknowledging Authority: Prof. K.A. Tessy, Principal, Nursing College

Mob: 9447568823

Activity executed: Butterfly Garden was established at nursing college campus Parumala. The inauguration of butterfly garden was done by H.G. Dr.Yuhanon Mar Chrisostomos Metropolitan on 16/11/2021. The photos (Fig: 24-26) and the completion certificate is attached as Annexure XIII.



Fig: 24. Hybrid plants purchased.



Fig: 25. Inauguration by H.G. Dr. Yuhanon Mar Chrisostomos Metropolitan.





Fig: 26. Present status of plants.

1.2.3. Activity: Rs. 1,60,000 for Cost of development of medicinal garden.

Location: Parumala seminary compound

Location coordinates: 9.32551/76.53701

Deposit Amount: Rs. 1,60,000 **Amount spent**: Rs.54, 874/-

Acknowledging Authority: Fr.M.C. Kuriakose, Manager, Parumala seminary

Mob: 9446606264

Activity executed: Medicinal Garden was established on the premises of Parumala church. Fr.M.C. Kuriakose and Kadapra panchayath member, inaugurated the function on 06/02/2021. About 60 medicinal plants were purchased from medicinal nursery Karunagappally and planted. The news published in Malayala maorama on 7/06/21. The photos (Fig:27-30) and the completion certificate is attached as Annexure XIII.



Fig: 27: Land preparation for medicinal garden.



Fig: 27. Hybrid plants purchased.



Fig: 28. Fr.Kuriakose, Panchayath member along with other dignitaries, planted the trees.

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Fig: 29. News about the Medicinal garden









Fig: 30. Present status of medicinal plants.

1.2.4. Activity: Rs.50,000/- for Development of Panchayath park /Avenue plantation towards habitat compensation

Location: Parumala Church to Panayannarkavu

Location coordinates: 9.32551/76.53701

Deposit amount: Rs. 50,000/-**Amount spent**: Rs. 45401/-

Acknowledging Authority: Smt. Nisha, President, Kadapra Panchayath,

Mob: 9895014693

Activity executed: In consultation with President, Kadapra Grama Panchayath supplied 30 numbers of LED Street light with sensor 24W (LST-24SEN) of worth Rs. 45401/-(1425x30) from Parumala Church to Panayannarkavu during March 2023. The same was distributed by HH Baselios Marthoma MathewsIII and G. Sudhakaran former Minister for Public Works in the Kerala Legislative Assembly, to Smt.Nisha, President, Kadapara during the function on 22 nd March, 2023. The photos(Fig. 31-32) and the completion certificate is attached as Annexure XIII.



Fig:31. Smt. Vimala, panchayath member receiving the light from HH. Bava Thirumeni and G. Sudhakaran former Minister to Smt. Nisha, President, Kadapara during the function on 22 nd March, 2023





Fig: 32. Street light from Parumala Church to Panayannarkavu

1.3. WATER ENVIRONMENT

Deposit Amountary provisions and expenditure

Deposit Amount: Rs.13, 60,000/-

Amount Utilized: Rs. 13, 93,393/-

SL No	Water Environment	Deposit	Amount utilized
		Amount	
1.3.1(a)	Rs. 50,000/- for restoration of abandoned wells (Rs.10,000 x 5 wells)	50,000/-	43050/-
1.31(b)	Rs. 50,000/- for water sampling and monitoring (Rs. 5,000 x 10samples)	50,000/-	1,68,345/-
1.3.2	Rs. 2,00,000/- for rehabilitation of village pond	2,00,000/-	2,00,000/-
1.3.3	Rs. 60,000/- towards set up of 2 units of portable toilet at site (1 for male and 1 for female).	60,000/-	67260/-
1.3.4.	Rs. 5, 50,000 on setting up of an STP of 5 KLD capacity	5, 50,000	4,51,524/-
1.3.5	Rs. 4,00,000 for channelization of storm water	4,00,000	4,35,714/-
1.3.6	Rs.50,000 for frequent cleaning of the vicinity of site before monsoon	Rs.50,000	27,500/-
Total		13,60,000/-	13,93,393/-

Table No: 4.Deposit Amountary provisions and expenditure for water environment

1.3.1(a). Activity: Restoration of abandoned wells

Beneficiary: House holders at Kottakkamali colony &Kavilkizhakkethil

Location coordinates: 9.32951/76.53952

Deposit Amount: Rs 50,000/- **Amount spent:** Rs.43050/-

Acknowledging Authority: Smt. Nisha, President, Kadapra Panchayath

Mob: 9895014693

Activity Executed: As per the direction of Panchayath authorities two numbers of restorations of abandoned wells were done through the maintenance of public open dug wells at Kottakkamali, Fig: 31(a) colony and Kavilkizhakkethil, Fig: 32(b). The work was done by S.K. constructions, Parumala during March 2023. The photos and completion certificate is enclosed below.







Fig.31.(a) Public open dug well at Kottakkamali









Fig: 32.(b). Public open dug well at Kavilkizhakkethil

1.3.1(b) Activity: Rs. 50,000/- for water sampling and monitoring

Local people, Govt HSS, Thaluk hospital Kadapra, Parumala

Deposit amount: Rs. 50,000/-

Amount spent: Rs. 1, 68,345/-

Activity executed: Open Dug well water samples (samples=10 no's,) from each location were collected during the year June 2022 to March 2023, and analyzed physio chemical characteristics of water samples by Standard Environmental and analytical Laboratories, Ernakulam. The photos (Fig.33) and the completion certificate is attached as Annexure XIII.



Fig.33, Water sampling

1.3.2. Activity: Rs. 2,00,000/-for rehabilitation of village pond.

Beneficiary: Local people at Kottakkmali. Kadapra Grama Panchayath

Location coordinates: 9.32613/76.53213

Deposit Amount: Rs. 2, 00,000/- **Amount spent:** Rs. 2, 00,000/-

Acknowledging Authority: Smt.Nisha, President, Kadapra Grama Panchayat

Mobile: 9895014693

Activity executed: As per the direction of president, Kadapra Grama Panchayath completed the renovation works of Kottakkamali kulikkadavu, that includes construction of new steps, plastering, random rubble stone masonry and desiltation, with total expenditure of Rs.2 lakhs. The revival work was carried out by S.K Constructions, Parumala. The photos(Fig: 34) and the completion certificate is attached as Annexure XIII.







Fig: 34. Renovation works of Kottakkamali kulikkadavu

1.3.3. Activity: Rs. 60,000/- towards set up of 2 units of portable toilet at site

Location: Kannassa Smaraka Govt. Higher Secondary School,

Kadapra.

Location coordinates: 9.3295321/76.5396822

Deposit Amount: Rs. 60,000/-**Amount spent**: Rs. 67,260/-

Acknowledging Authority: Principal, Kannassa Smaraka Govt. Higher

Secondary School, Kadapra

Mobile: 9447205491

Activity executed: Installed two units of portable toilet (1 for male and 1 for female) for Kannassa Smaraka Govt. Higher Secondary School, Kadapra during the month of November 2019. The photos (Fig. 35) and the completion certificate is attached as Annexure XIII.







Fig: 35. Portable toilet for male and female

1.3.4 Activity: Rs. 5, 50,000 on setting up of an STP of 5 KLD capacity

Location: College of Nursing, Parumala

Location Coordinates: 9.32496/76.53923

Deposit Amount: Rs.5, 50,000 **Amount Spent:** Rs.4, 51,524/-

Acknowledging Authority: Prof K.A.Tessy, Principal, College of Nursing,

Parumala, Mob: 9447568823

Activity Executed: As per the direction of Panchayath authorities, a fixed dome bio gas plant with 150 Kg capacity solid waste /day were set up in nursing college campus, Parumala .The biogas released acts as an environmentally sustainable energy source. The establishment of biogas creates an organic processing facility to generate biogas which will be more cost effective, eco-friendly and can be utilize for the renewable energy. In College campus large amount of food waste is generated. This can be used for production of biogas. Hence, a Fixed Dom Biogas plant with 150 kg solid waste /day was installed at nursing college campus. The biogas plant serves as the dual purpose of processing the waste and providing cooking gas for around five hours for the hostel mess. Apart from providing cooking gas, the slurry from the plant can be used as manure for the plants and garden maintained at the campus. The bio gas plant was inaugurated by H.G. Dr. Yuhanon Mar Chrisostomos Metropolitan and Fr. M. C. Paulose, CEO, Parumala hospital. The photos(Fig: 36) and the completion certificate is attached as Annexure XIII.







Fig: 36. Inauguration of Biogas plant at Nursing college campus, Parumala

1.3.5. Activity: Channelisation of storm water drainages

Location: Arikkappuram, Parumala

 Location Coordinates:
 9.32561/76.53702

 Deposit Amount:
 Rs. 4, 00,000/

 Amount Spent:
 Rs.4, 35,714/

Activity Executed: According to farmers, near Arikkappuram Paddy field, they are facing the flooding in the paddy fields due to blockage in the storm water drainage. For years these storm water drainages are not cleaned or silt removed. Hence the storm water drainage system of the paddy field areas were cleared off the dirt and debris accumulated so as to ensure easy flow of rain water. The photos(Fig: 37-39) and the completion certificate is attached as Annexure XIII.



Fig.37. Initial condition of Arikkapuram paddy field





Fig.38. Channeling storm water



Fig.39.After completion of channeling storm water

1.3.6: Activity: Frequent cleaning of the site before monsoon

Location: Kurumbaleswram

Location cordinates: 9.3289929/76.537709

Deposit Amount: Rs.50, 000/-**Amount spent:** Rs.27, 500

Acknowledging Authority: Smt.Nisha, President, Kadapra Grama Panchayat

Mobile: 9895014693

Activity executed: As per the direction of Panchayath Authorities completed construction of R.C.C slab for road at Kurumbaleswaram, Kadapra with a total expense of Rs.27500/-. The work was done by S. K. constructions group, Parumala during March 2023. The news regarding the Environmental clearance remediation plan activities are published in Malayala Manorama on 30th March, 2023. The photos(Fig: 40,41) and the completion certificate is attached as Annexure XIII.









Fig: 40. Initial condition of road at Kurumbaleswaram









Fig: 41. After completion of work at Kurumbaleswaram

1.4. Land, Noise, Socio Economic EnvironmentDeposit Amountary provisions and expenditure

Budgetary provision on Land, Noise, Socio Economic Environment –Rs. 3,04,000/-Amount utilized: Rs. 3,66,473/-

SL	Land, Noise, Socio Economic Environment	Deposit	Amount
No		Amount	utilized
1.4.1	Rs. 50,000/- for creating barriers to avoid	50,000/-	1,11,300/-
	erosion and to maintain its integrity so as to use		
	it further forlandscaping		
1.4.2	Rs.10,000 (LS) for printing & distribution of leaflets)	10,000/-	27,500/-
1.4.3	Rs.60,000/- for 20 bins (@Rs.3,000 per bin)	60,000/-	63,156/-
1.4.4	Secured intermediate leachate proof facility for storage (LS.Rs.1,00,000).	1,00,000/-	90,000/-
1.5.1.	Providing Personnel protective equipment	50,000/-	5,250/-
1.6.1.	Providing first aid kits (5 nos.) to the construction sites (public works within the panchayat) Rs. 10,000/- (@Rs. 2,000 per kit].	Rs.10,000/-	1542/-
1.6.2	Providing a wheel chair (2 nos.) + to the primary health centre within the panchayat and in consultation, Rs. 24,000 (@ Rs. 12,000 per wheel chair)	Rs.24,000/-	67725
Total		3,04,000/-	3,66,473/-

Table No- 5. Budgetary provision on Land, Noise, Socio Economic Environment

1.4.1.Activity: Rs. 50,000/- for creating barriers to avoid erosion and to maintain its integrity so as to use it further for landscaping.

Beneficiary: General public in Kadapra Grama Panchayath

Location coordinates: 9.32561/76.53702

Deposit Amount: Rs. 50,000/-

Amount spent: Rs. 1, 11,300/-

Acknowledging Authority: Smt. Nisha, President, Kadapra Grama Panchayath

Mobile: 9895014693

Activity executed: As per the request from president, Kadapra grama panchayath 10 numbers of wheel chair were given to the unhealthy persons in Kadapra panchayath during the fifth anniversary function of St. Gregorios International Cancer Care Center on 23/11/2021. His Holiness Bava Thirumeni inaugurated the function and gave out wheelchair. The President of Kadapra panchayath is present at the function and received the wheelchairs. The photos (Fig:40, 41), address (Table No-6) and the completion certificate is attached as Annexure XIII.







Fig: 40. Distribution of the wheelchair by His Holiness Bavara Thirumeni.





Fig: 41. Other people receiving wheel chair

	Name and address	Mobile	Panchayath
		Number	
1.	Deepa,Kannayataharayil, Parumala	8921037158	Kadapra
2.	Daniel Pathrose, Vallakkalil Thoppil, Parumala	9605888168	Kadapra
3.	Thankamma, VengazhiyilHouse,Kadapa,Parmala	9744040862	Kadapra
4.	Kulsam Beevi, Chirakkal Puthnparambu, Kuttemperoor	04792312407	Mannar
5.	Meenakshi, LekshmiNivasa, Valanj	9048481203	kadapra
6.	Lalitha, SanalNivas, Kuttamperur, Mannar	7560869070	Mannar
7	Sukumaran,Ambakkudi kizhakkethil	9207474472	Kadapra
8	Kunjumman, P.O, Puthenpurackel, Parumala	9847283233	Mannar
9	Annamma, KurianPerumKunnalil, Pavakkara	9526915258	Mannar
10	Itty Avara, Idayadiyil, Pavukkara P. O	9562482901	Mannar

Table No 6. Address of individuals who received the wheelchairs.

1.4.2. Activity: Rs. 10,000 (LS) for printing & distribution of leaflets.

Beneficiary: Local people at Kadapra panchayat

Location coordinates: 9.32497/76.53912

Deposit amount: Rs. 10,000/-**Amount spent**: Rs. 27500/-

Acknowledging Authority: Smt.Nisha, President, KadapraGrama Panchayath

Mobile: 9895014693

Activity executed: Awareness campaigns works were done by distributing the Brochure prepared for Environment Protection .(Fig:42, 43)



Fig: 42. Distributing the brochure

അന്തരീക്ഷത്തിൽലെ പുകയും വിഷവാതകങ്ങളും മറ്റു രാസപദാർത്ഥങ്ങളും കലരുന്നതുമൂലം ഉണ്ടാകുന്ന മലിനീകര ണമാണ് അന്തരീക്ഷ മലിനീകരണം. മനുഷൃനോ ആവാസവ്യവ സ്ഥയ്ക്ക് തന്നെയോ ഹാനികരമായി ബാധിക്കുന്ന വായുവിലെ പദാർത്ഥങ്ങളാണ് അന്തരീക്ഷമലിനീകാരികൾ. ഇവ പലപ്പോഴും നൈസർഗ്ഗികമോ മനുഷ്യ നിർമ്മിതമോ ആയ ഖര പദാർത്ഥങ്ങളോ ദ്രാവക തുള്ളികളോ വാതകങ്ങളോ ആണ്. മലിനീകാരികളെ പ്രധാ നമായും പ്രാഥമിക മലിനീകാരികൾ, ദ്വിതീയ മലിനീകാരികൾ എന്നും രണ്ടായി തിരിച്ചിരിക്കുന്നു. മാലിനൃങ്ങൾ കത്തിക്കുന്ന ചാരങ്ങളായും , വാഹനങ്ങളിൽ നിന്നുള്ള കാർബൺ മോണോക് സൈഡ് വാതകമായും ഫാക്ടറികളിൽ നിന്നും സൾഫർ ഡയോക് സൈഡ് സംയൂക്തമായും പ്രാഥമിക മലിനീകാരികൾ അന്തരീക്ഷ ത്തിൽ എത്തിച്ചേരുന്നു. ഇവ അന്തരീക്ഷത്തിലുള്ള മറ്റ് രാസവസ്തു ക്കളുമായി സൂരു പ്രകാശത്തിന്റെ സാന്നിധ്യത്തിൽ സംയോജിച്ചാണ് ദ്വിതീയ മലിനീകാരികൾ ഉണ്ടാകുന്നത്. ഇന്ത്യയിലെ മൊത്തം മലിനീ കരണത്തിന്റെ 65 % വും വാഹനങ്ങൾ മൂലമുണ്ടാകുന്നതാണ്. ഇ തിൽ പകുതിയിലധികം ഇരുചക്രവാഹനങ്ങൾ മൂലമാണ്. ഇന്ത്യയിൽ ഓരോ വർഷവും വായു മലിനീകരണം മൂലം നാൽപ്പതിനായിര ത്തോളം പേരാണ് മരിക്കുന്നത്. ഹരിതവാതകങ്ങളായ Co² മീഥേൻ, നൈട്രസ് ഓക്സൈഡ്, ക്ലോറോ ഫ്ളൂറോ കാർബണുകൾ എന്നിവ യൂടെ അമിതമായ ഉൽപാദനം മൂലം ഓസോൺ പാളികളിൽ വിള്ള ലുണ്ടാവുകയും സൂരൂനിൽ നിന്നും ഉത്സർജിക്കപ്പെടുന്ന അപകട കാരിളായ ആൾട്രാവയലറ്റ് രശ്മികൾ വർദ്ധിച്ച തോതിൽ ഭൗമോപരി തലത്തിൽ പതിക്കുകയും ഇത് അർബുദം, തിമിരം, രോഗപ്രതി രോധ ശക്തിശേഷണംസസൃങ്ങളുടെ ഉല്പദനക്ഷമതയിൽ ശോ ഷണംസൂക്ഷമസസൃങ്ങളുടെ നാശം ഇവയിലുണ്ടാകുന്നതു കു ടാതെ അന്തീരിക്ഷതാപനിലയിലുള്ള ഉയർച്ച ധ്രുവഹിമപാളികളും ഹിമാനികളും ഉരുകി സമുദ്ര ജലനിരപ്പ് ഉയരുകയും പല ദ്വീപുകളും സമുദ്ര തീരപ്രദേശങ്ങളും ഇതോടെ കടലിനടിയിലാകുകയും ചെയ്യും.

ഇപ്രകാരം തുടരുകയാണെങ്കിൽ 2040 ഓടെ ആഗോളതാപനിലയിൽ 20 മുത 50 ശതമാനം വരെ വർദ്ധനയുണ്ടാകും

പ്രകൃതി ദുരന്തങ്ങൾ മാറി മാറി വരുന്ന ഈ കാലയളവിൽ, മനുഷ്യൻ തന്റെ ഭാവി തലമുറയുടെ സാമ്പത്തിക ഭദ്രയയ്ക്കായി നെട്ടോട്ടമോടുന്നത് എത്രത്തോളം പ്രാർത്തികമാകും എന്ന് ചിന്തി ക്കേണ്ട കാലം അത്രക്രമിച്ചിരിക്കുന്നു. വെള്ളപ്പോക്കവും, കൊടും വരൾച്ചയും ശൈത്യവും താങ്ങാനാവാതെ മുരടിച്ചുവോകുന്ന നമ്മുടെ തലമുറയെ സാരക്ഷിക്കുവാനും, ജൈവ സമ്പത്ത് സംരക്ഷി ക്കുവാനും നമുക്ക് അണിചേരാം, കൈകോർക്കാം, പ്രവർത്തിക്കാം

ചില മാർഗ്ഗനിർദ്ദേശങ്ങൾ

- മരങ്ങൾ വെച്ചുപിടിപ്പിക്കുക, സംരക്ഷിക്കുക വഴി ഹരിത ഗ്രഹ വാതകമായ കാർബൺഡൈ ഓക്സൈഡിന്റ് അളവ് ഗണ്യ മായി കുറയ്ക്കുവാനും, അന്തരീക്ഷ താപനില കുറയ്ക്കുവാ നും മണ്ണൊലിപ്പ് തടയുവാനും സാധിക്കുന്നു.
- വീടുകളിലെ ജൈവ അജൈവ മാലിന്യങ്ങൾ വേർതിരിക്കുക മാലിന്യങ്ങൾ പൊതു നിരത്തുകളിലും നദികളിലും കൂളങ്ങളിലും വലിച്ചെറിയാതിരിക്കുക.
- 3. ചപ്പുചവറുകൾ കരിയില, മറ്റുജൈവ മാലിനുങ്ങൾ എന്നിവ കത്തിക്കാതിരിക്കുക. അതിന്റെ സാഭാവികമായ അഴുകൽ മൂലം വളമായിമാറുവാൻ അനുവദിക്കുക. അങ്ങനെ മണ്ണിന്റെ സാഭാവിക വളക്കൂറ് വീടെ ടൂക്കുക.
- പ്ലാസ്റ്റിക്കിന്റെ ഉപയോഗം കുറയ്ക്കുക. ഉപയോഗിക്കുന്ന പ്ലാസ്റ്റിക്ക് വലിച്ചെറിയാതെ പുനമുപയോഗത്തിന് വിധേയമാ ക്കുക.
- പ്ലാസ്റ്റിക്കുകൾ കത്തിക്കുന്നതുമുഖമു ാകുന്ന വിഷവാത കങ്ങളായ NO2, SO2, ഡൈഓക്സിനുകളുടെ ബഹിർഗമനം ഒഴി വാക്കുക.



Fig: 43. Brochure prepared for awareness campaign for Environmental protection

1.4.3. Activity: Rs. 60,000/- for 20 bins

Beneficiary: L. P School, Seminary school, St. Francis School Govt. L.P School, Kadapra

Location coordinates: 9.32496/76.53821

Deposit amount: Rs. 60,000/- **Amount spent:** Rs.63156/-

Acknowledging Authority: Smt.Nisha, President, Kadapra

Mobile: 9895014693

Activity executed: As per the direction of Kadapra Panchayath authorities, twenty numbers of drum waste bin (100 liter) with swing lid of worth Rs. 63156/- were provided to *L. P* School, Palachuvad, Seminary school, Kadapra, St. Francis School, Parumala, Govt. L.P School, Kadapra during the years 2021-23. The photos. (Fig: 44) and the completion certificate is attached as Annexure XIII.







Fig: 44. Distributing Waste bin

1.4.4. Activity: Secured intermediate leachate proof facility for storage

Beneficiary: Kadapra Grama Panchayath

Location coordinates: 9.32582/76.33432

Deposit amount: Rs. 100,000/-**Amount spent**: Rs. 90,000/-

Acknowledging Authority: Smt. Nisha, President, Kadapra

Mobile: 9895014693

Activity executed: As per the direction of Kadapra Panchayath authorities completed the work of desiltation, mud removal and side wall protection of Kalluvarathil KuliKadavu with a total expense of Rs. 90,000/- during March 2023. The photos(Fig: 45) and the completion certificate is attached as Annexure XIII.







Fig: 45. Desiltation and mud removal and side wall protection of Kalluvarathil Kuli Kadavu, Kadapra Grama Panchayath

1.5. REMEDIATION MEASURES ON NOISE ENVIRONMENT

1.5.1. Activity: Rs. 50,000/- for Providing Personnel protective equipment's (PPE) to the Health Department of the panchayath,

Beneficiary: Primary Health Centre

Location coordinates: 9.33217/76.54307

Deposit Amount: Rs. 50,000/-

Amount spent: Rs. 5,250/-

Acknowledging Authority: Dr. Angha, Medical officer, PHC, Kadapra

Mobile: 9400874551

Activity executed: As per the direction of Health department, Personnel Protective Equipment's (2000 masks and 250 Hand sanitizer) were provided to primary health center during COVID-19 pandemic period. The photos (Fig. 46) and the completion certificate is attached as Annexure XIII.





Fig:46. Dr. Angha, Medical officer, PHC, Kadapra, receiving the PPE

1.6. Remediation plan activities for Socio Environment

1.6.1. MoEF activity: Providing first aid kits (5 nos.) to the construction sites

Beneficiary: Kadapra Grama Panchayath

Deposit Amount: Rs. 10,000/- **Amount spent:** Rs.1542/-

Acknowledging Authority: Smt. Nisha, President, Kadapra

Mobile: 9895014693

Activity Executed: Five numbers of first aid kits were provided to workers of NREG scheme workers of Kadapra grama panchayath. The photos (Fig:47) and the completion certificate is attached as Annexure XIII.





Fig: 47.Smt. Vimala, Panchayath member receiving the first aid kit

1.6.2. MoEF activity: Providing a wheel chair (2 nos.) to the PHC, Kadapara

Beneficiary: Primary Health Centre, Kadapra,

Deposit amount: Rs.24,000/-**Amount spent:** Rs 67725/-

Acknowledging Authority: Dr. Angha, Medical officer, PHC, Kadapra

Mobile: 9400874551

Activity executed: As per the direction of Panchayath authorities and health department, twelve numbers of wheel chair were provided to Public Health center, Kadapra, Taluk hospitral, Thiruvalla, during COVID- 19 pandemic period. The photos(Fig: 48) and the completion certificate is attached as Annexure XIII.





Fig: 48.Dr. Angha, Medical officer, PHC, and Mr. ShibuVarghese, President, Kadapra panchayath receiving the wheel chairs.

2. Natural Resource Augmentation plan & Deposit Amountary provisions

Deposit Amount: Rs. 21,50,000/-

Amount utilized: Rs.13,07,950/-

SL	Activity	Deposit	Amount
No		Amount	utilized
2.1	Development of greenery in the surrounding area	1,25,000/-	36,400/-
	and roadside plantation		
2.2.	Provision of drinking water facilities through construction	2,00,000/-	35,640/-
	of hand pumps / dug wells / tube wells		
2.3	Maintenance of village road, near the panchayat office or	10,00,000/-	8,73,860/-
	any other badly damaged road in consultation with		
	panchayath		
2.4	Construction of pipeline network in the village in	5,00,000 /-	1,15,000/-
	association with grama panchayath.		
2.5.	Provision of solar system in common areas through local	1,25,000/-	70,000/-
	administration		
2.6.	Rainwater harvesting and ground recharge	1,00,000/-	1,32,050/-
	development+ Construction of storm water drainages in		
	nearby areas		
2.7	Construction of storm with drainages in the	1 00 000/	45.000/
	nearby areas	1,00,000/-	45,000/-
		21,50,000/-	13,07,950/-
	Total		

Table No: 7.Deposit Amountary provisions and expenditure

2.1. Activity: Development of greenery in the surrounding area and roadside plantation

Location: KVUP School, Pulikeezhu, Kadapra

Location details: 9.3572 / 76.5395

Number of trees planted: 60

Deposit Amount : Rs.1,25,000/-**Amount spent :** Rs.36,400/-

Acknowledging Authoruty: Mrs. Asha, Head Mistress, KVUP School, Pulikeezhu,

Kadapra

Mobile : 9496266449

Activity executed: St.Gregorios International Cancer Care Centre in association with Forest Department and Kadapra Grama panchayath planted 60 tree saplings for bio diversity enhancement by native species of trees during the month of June, July, 2021. The photos(Fig: 49-50) and the completion certificate is attached as Annexure XIII.

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Fig: 49. Mrs. Asha, Head Mistress, KVUP School planting the tree saplings



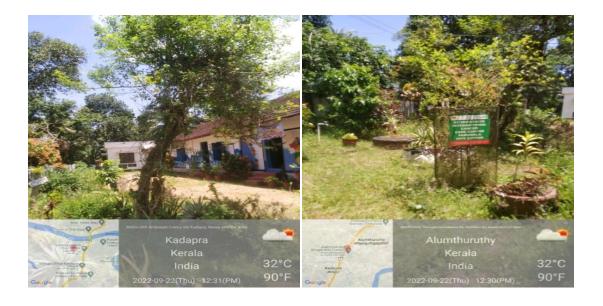


Fig: 50.Present status of trees planted

2.2. Activity: Provision of drinking water facilities through construction of dug wells

Beneficiary: Valethu Colony of Kadapra grama panchayath, Parumala

Location coordinates: 9.32445/76.59528

Deposit Amount: Rs. 2, 00,000/-

Amount spent: Rs. 35640/-

Acknowledging Authority: Mr. Shibu Varghese, Panchayath president, Kadapra

Mobile number : 9447486469

Activity executed: From President Kadapra grama panchayth, it was noted that the public well-located in the Valethu colony was not used by household heads and it was in the abandoned state. The well maintenance was carried out, provided separate motor and pipe connection to 10 house holders, (Fig: 52-56). The Inauguration of drinking water facility for Valethu Colony, Kadapra Panchayath, Parumala was done H.G. Dr.Yuhanon Mar Chrisostomos Metropolitan. Fr.M.C Poulose, CEO, Parumala hospital and Sri. ShibuVarghese, President , Kadapra Grama Pancahyath and Fr.Kuriakose. The photos. (Fig: 51) and the completion certificate is attached as Annexure XIII.













Fig: 51. Inauguration of drinking water facility By H.G. Dr. Yuhanon Mar Chrisostomos Metropolitan

House holders who got separate pipe connection





Fig: 52.House No 1.Murukeshan V.R and House No 2. Jaya kumar





Fig: 53.House No 3.Babu and House No 4 Unni, Kumbalasseri





Fig: 54. House No 5 Ramanan and House No 6. Selvaraj





Fig: 55. House No.7 Joseph K.C and House No 8.Thankachan, Parumala P.O





Fig: 56.House No 9 and 10 karunakaran, VenuThikkapuzha Parumala P.O

2.3(a) Activity: Maintenance of village road, near the panchayath office or any other badly damaged road in consultation with Panchayath

Location coordinates: 9.32923/76.53879

Location: Kottakkamalai road, ward No-9, Kadapra

Deposit Amount : Rs.6,00,000/-

Amount spent : Rs. 5,01,360/-

Acknowledging Authority: Mr. Shibu Varghese, president, Kadapra

Mobile: 9447486469

Activity Executed: After discussion with Panchayath authorities, it was noticed that the road was in deterioration and there was no other options for transportation for the public. The AE of the Panchayath visited the site and, according to the estimate given by the AE, completed the re concreting work of Kottakkamalai road, ward No-9, Kadapra Grama panchayath. In accordance with the estimated amount, quotations had been requested and the work permit was issued to the tender given by SSA Labour contract Co Operative Society.

The work was completed, in the first section of work during September,2019, maintenance and improvement of the road carried out (Fig.57) and re-concreting of the road has been completed during March,2019. The photos (Fig.58) and the completion certificate is attached as Annexure XIII.





Fig:57. Panchayath authorities visting the site during work



Fig: 58. Inauguration by *H.G. Dr. Yuhanon* Mar Chrisostomos Metropolitan and Mr.Shibu, President, Kadapra panchayath

2.3.(b)Activity: Maintenance of village road, near the panchayat office or any other badly damaged road in consultation with panchayath

Location: Kavil Kizhakethil Kochuparambil road, ward No-9, Kadapra Grama Panchayath

Location coordinates: 9.33427/76.52146

Deposit Amount: Rs.4,00,000/- **Amount spent:** Rs.3,72,500/-

Activity Executed: As per the request of house holders, committee members and panchayath Authorities, visited the site and noticed that, with the frequent flooding the road was severely damaged and the only means of transportation to them. As per the agreement signed in between Secretary, Kadapra Grama Panchayath and Fr. M. C. Paulose, CEO, Parumala hospital, quotations had been requested for raising of road to 1 meter height and also for road leveling of 150 m length. Hence the work permit was issued to tender given by Mr. Rony Thomas, Kalleckalparambil, Kadapra, Mannar. The inauguration was done by H.G. Dr. Yuhanon Mar Chrisostomos Metropolitan, Smt. Nisha, Panchayth president and Fr. M. C. Paulose, CEO on 17/02/2022. The news was telecasted in the local Television (Fig: 60). The photos (Fig: 59) and the completion certificate is attached as Annexure XIII.









Fig: 59. Inauguration of road levelling work of KavilKizhakethil Kochuparambil road



Fig: 60.News telecasted in Telivision Local news channel of Mount Zion Vision

2.4. Activity: Rs.5,00,000/- for construction of pipeline network in the village

Location: Ashariparambu nadavazhi, Kadapra Grama Panchayth.

Location coordinates: 9.32521/76.53410

Deposit Amount : Rs. 50,000/-**Amount spent:** Rs.1,15.000/-

Activity executed: Ashariparambu nadavazhi concrete (length +58 m, width 1.25m) with a total expenditure of Rs.1.15.000/- have been completed by S.K construction group during February, 2023. The photos (Fig. 61) and the completion certificate is attached as Annexure XIII.



Fig: 61.Concreting of Ashari parambu nadavazhi

2.5. Activity: Provision of solar system in common areas through local administration

Location: Public Health center, Kadapra Grama panchayth.

Location coordinates: 9.32572/76.43426

Deposit Amount : Rs 75,000/- **Amount spent:** Rs. 48,000/-

Acknowledging Authority: Dr. Anagha, Medical officer, PHC, Kadapra

Mob: 9400874551

Activity executed: As per the direction of Panchayath authorities, installed the solar panel to Public Health center, Kadapra Grama Panchayath. The photos(Fig: 62) and the completion certificate is attached as Annexure XIII.



Fig: 62. Solar panel installation

2.5 (b) Activity: Provision of solar system in common areas

Location: Seminary School, Parumala, Kadapra Grama panchayth.

Location coordinates: 9.32551/76.53701

Deposit Amount : Rs.50,000/-**Amount spent-** Rs.22,000/-

Acknowledging Authority: Mr. Samuel, Head Master, Seminary School, Parumala

Mob: 9496426012

Activity executed: As per the direction of Panchayath authorities, installed the solar street light to Seminary school, Kadapra Grama Panchayath. The photos.(Fig:63) and the completion certificate is attached as Annexure XIII.



Fig: 63. Solar street light at Seminary school

2.6. Activity: Rainwater harvesting and Ground water recharge developmentLocation: L.P School complex, Palachuvad, Kadapra, Parumala, Kadapra

Location coordinates: 9.32882/76.52769

Deposit Amount : Rs 1,50,000/-**Amount spent:** Rs.1, 32,050/-

Acknowledging Authority: Smt. Nisha, President, Kadapra Panchayath

Mob: 9895014693

Activity executed: Rainwater harvesting and groundwater recharge that includes 170 feet path rain water gutter, Roof top PVC path works, Ring work with a total expenditure of Rs.1,03,250/have been successfully implemented in the L.P School complex, Palachuvad, Kadapra, Parumala. The photos(Fig:64) and the completion certificate is attached as Annexure XIII.











Fig: 64. Rainwater harvesting and Ground water recharge development at L.P School complex, Palachuvad, Kadapra, Parumala,

2.7. MoEF Activity: Construction of storm water drainages in the near by areas

Location: Kurumbaleswram, Kadapra Grama panchayath

 Location coordinates:
 9.52682/76.52789

 Deposit amount:
 Rs. 1, 00,000/

 Amount spent:
 Rs.45, 000/

Acknowledging Authority: Smt. Nisha, President, Kadapra

Mob: 9895014693

Activity executed: Completed the construction of side wall for culvert in Kurumbaleswram, Kadapra with a total expenditure of Rs.45, 000/-. The work was done by S.K. Construction group during March 2023. The news regarding the Environmental clearance remediation plan activities

are published in Malayala Manorama on 30th March, 2023. The photos(Fig: 65) and the completion certificate is attached as Annexure XIII.









Fig: 65.Construction of side wall for culvert in Kurumbaleswram, Kadapra

3. COMMUNITY RESOURCE AUGMENTATION PLAN

Deposit Amount and budgetary provisions

Deposit Amount: Rs.11,25,000 /-

Amount utilized: Rs. 22, 87,220 /-

SL	Activity	Deposit	Amount	
No		Amount	utilized	
3.1	Creation of irrigation facilities to the	1,25,000/-	1,06,356 /-	
	farmers supporting for irrigation			
3.2	Construction of sanitation facilities	1,25,000/- 59,200/-		
	(toilet) in schools and villages			
3.3	Periodic medical check-up camp by	2,50,000 /-	- 5,08,675/-	
	appointing specialist doctor for eyes,			
	skin, heart and dental twice in a year			
3.4	Free of cost distribution of medicine	1,25,000/-	5,17,301/-	
	body check up tests in the area			
	Free Covid vaccine		5,45,220/-	
3.5	Training to the farmers related to	50,000 /-	7,168 /-	
	healthcare			
3.6	Assistance in development of	1,00,000/-	76,000/-	
	technical skills and training to the			
	children of farmers and fishermen			
3.7	Assistance in providing study	1,00,000/-	3,76,300/-	
	materials, uniform, books to the poor			
	students located nearby area			
3.8	Scholarship to the clever students for	2,50,000/-	91,000/-	
	higher education			
	Total	11,25,000 /-	22,87,220 /-	

3.1. Activity: Creation of irrigation facilities to the farmers supporting for irrigation

Location: Agriculture office, Kadapra Gramapanchayath

Deposit amount: Rs 1, 25,000/- **Amount spent:** Rs.1, 06,356/-

Acknowledging Authority: Mr. Roy Issac Varghese, Agriculture officer, Kadapra

Mob: 9495218681

Activity executed: Two numbers of Kirloskar 10 Hp mono block pump sets of worth Rs.1, 06,356/-were supplied for irrigation of Paddy field and Karimbukrishi (Eda-punja padasekhara samithi, and Pumba karimbukarshaka samithi) of Kadapra grama panchayath. And the same was distributed by G. Sudhakaran former Minister for Public Works in the Kerala Legislative Assembly, to agriculture officer during the function on 22 nd March, 2023. The photos(Fig: 66) and the completion certificate is attached as Annexure XIII.



Fig: 66.Agriculture officer receiving the bill of pump set from G. Sudhakaran former Minister for Public Works in the Kerala Legislative Assembly

3.2. Activity: Construction of sanitation facilities (toilet) in schools and Villages

Beneficiary: Najnodaya special school Kadapra Gramapanchayath

Deposit amount: Rs 1, 25,000/-**Amount spent**: Rs.59, 200/-

Acknowledging Authority: Mrs, Nisha, President, Kadapra

Mob: 9895014693

Activity executed: Supplied, lap top, wheel chair to Najnodaya special school, rice for community kitchen with a total expense of Rs.59, 200/- during the year 2020 to 2023. was distributed by G. Sudhakaran former Minister for Public Works in the Kerala Legislative Assembly, to agriculture officer during the function on 22 nd March, 2023. The photos(Fig: 66) and the completion certificate is attached as Annexure XIII.



Fig: 66. Sr. Appu Josna, Njanodaya special school Kadapra receiving the wheel chair

3.3.Activity: Periodic medical checkup camps by appointing specialist doctor for eyes, skin, heart, dental twice in a year

Place: Kadapra Grama panchayath

Deposit amount: Rs 2,50,000/-

Amount spent: Rs. 5, 08,675/-

Acknowledging Authority: Mrs, Nisha, President, Kadapra

Mob: 9895014693

Activity Executed: Periodic medical check up camps(2 numbers) were done by specialist Doctors for eyes, skin, heart and dental from the year 2022. Also free of cost Covid 19 pandemic vaccine were also distributed during March, 2022. About 699 persons were taken free Covid 19 pandemic vaccine. Health awareness for cancer care was given to local people from Kadaprapanchayath. The campaign was conducted at St Gregorios seminary church Parumala by Dr. Anto Baby.

3.3(a) Activity: Medical camps for dental check up

Place: St Gregorios International Cancer care centre, Parumala

Beneficiary: Local people from Kadapra Grama Panchayath

Amount spent: 75,000/-

Activity Executed: Free Medical camps for dental checks were completed in 2022. Approximately 100 people were registered and take free consultation. The photos regarding the camp is enclosed below. (Fig: 67)





Fig: 67. Free Medical camps for dental checks

3.3. (b). Medical check-up camp for Skin

Place: St Gregorios International Cancer care centre, Parumala

Beneficiary: Local people from KadapraGramapanchayath

Activity Exected: Medical skin testing camp was held at the St Gregorios International Cancer Center, Parumala on 14.06.2022. The photos regarding the camp is enclosed below. (Fig: 68)











Fig:68.Medical check-up camp for Skin

3.3 (c). Medical check-up camp for heart

Location: St Gregorios International Cancer care centre, Parumala

Beneficiary: Local people from Kadapra Gramapanchayath

Activity executed: Medical heart testing camp was held at the St Gregorios International Cancer Center, Parumala on 23.06.2022. The photos regarding the camp is enclosed below. (Fig: 69)







Fig:69.Medical check-up camp for heart

3.3.(d). Medical camp for eye check-up

Place: Govt.J.B School, Thonakkadu and Chenkilathu Govt L P School, Parumala

Beneficiary: Local people from KadapraGramapanchayath

Activity executed: Medical eye testing camp was held at Govt. J.B School, Thonakkadu and Govt L P School, Kadapra by Dr. Mary, Ophthalmologist on 30.06.2022. The photos regarding the camps are enclosed below. (Fig: 70, 71)





Fig: 70. Medical eye testing camp at Govt. J.B School, Thonakkadu



Fig: 71. Medical eye testing camp at Govt L P School, Kadapra

3.4. Activity: Free of cost distribution of medicine, body check up tests in the area

Beneficiary: Local people of Kadapra Grama Panchayath **Place:** Church hall, St Gregorios hospital, Parumala

Deposit Amount: Rs. 1,25,000/-

Amount Utilized: Rs.517301/-(Free medicine), Rs. 5,45,220/-(Covid vaccine)

Activity executed: Free of cost distribution of medicine, body check up tests in the area for Rs.517301/-were carried out during the year 2022. Also free of cost Covid 19 pandemic vaccine worth Rs. 5,45,220/-were distributed during March, 2022. About 699 persons were taken free Covid 19 pandemic vaccine. Health awareness for cancer care was given to local people from Kadaprapanchayath. The campaign was conducted at St Gregorios seminary church Parumala by Dr. Anto. The photos regarding the camps are enclosed below. (Fig. 72)





Fig: 71. Free body check up camp at church hall, Parumala

3.5. Activity: Training to the farmers related to healthcare

Place: St Gregorios Parumala seminary, Parumala

Beneficiary: Local people from Kadapra Grama Panchayath

Deposit Amount: Rs. 50,000/-

Amount Utilized: Rs.7, 168 /-

Activity executed: Health awareness for cancer care were given to local people from Kadapra panchayath. The campaign was conducted at St Gregorios seminary church Parumala by Dr. Anto Baby. The photos regarding camps are enclosed below. (Fig: 72)







Fig: 72. Cancer awareness class by Dr. Anto Baby

3.6. Activity: Assistance in development of technical skills and training to the children of farmers and fishermen

Beneficiary: Nearby school students from Kadapra Grama Panchayath

Deposit Amount: Rs. 100,000/- **Amount Utilized:** Rs. 76, 000 /-

Activity executed: As part of Community Resource Augmentation plan, 10 LED TV were given to students for online class during Covid 19 pandemic period of 2020. Smt. Nisha, Panchayth president Kadapra, received and distributed LED TV to the poor students from the schools named St.Annes Girls High School, Parumala, KVLPS, Parumala, Govt. L.P School, Parumala, St.Mary Higher secondary school, Parumala, MDMEMLP School, Parumala, N.S High School, Parumala The photos(Fig: 73) and the completion certificate is attached as Annexure XIII.









Fig:73, Distributing LED TV to students for online class

3.7. MoEFActivity: Assistance in providing study materials, uniform, books to the poor students located nearby area

Beneficiaries: Govt.LPS, Parumala, St Francis School, Seminary school, KVLPS, Parumala

Deposit Amount : Rs.1,00,000/- **Amount spent :** Rs. 3,76,300/-

Activity executed: As part of Community Resource Augmentation plan, conducted JYOTHIS on 20/06/2021.Hon'ble Health Minister, Smt.Veena George inaugurated the function and distributed lap top (model LAP TOP HP 15S DU 1052VTU) to PHC, 63 numbers of smart phone and 10 LED TV for online class during Covid 19 pandemic period of 2021. Smt.Nisha, Panchayth president and Mr. Prasanth, Health Inspector, PHC, Kadapra, received the lap top. The smart phone and LED TV were given to poor students from the schools named, Govt.LPS, Parumala, St Francis School, Seminary school ,KVLPS, Parumala. The photos (Fig: 74-76) and the completion certificate is attached as Annexure XIII.





Fig: 74. Hon'ble Health Minister Smt. Veena George inaugurated the function JYOTHIS



Fig:75. Smt.Nisha, Panchayth president and Mr.Prasanth, Health Inspector, PHC ,Kadapra receiving the lap top









Fig: 76. Distribution of Smart phone to school students

SEMINARY LP SCHOOL.PARUMALA

Details of Students without any facilities at home for online class

SI.N o	Ad.No	Name of the Student	Std	Address	Panchayat
1	5311	Shifana Rasak	1A	Kilunneril, Vishawarsserikara	Mannar
2	5359	Rehitha Maniyan	1B	Kizhakkemadam,Cheriyanad	Cheriyana d
3	5319	Chandana P Ratheesh	1A	Plamoottil,Parumala	Parumala
4	5240	Aadisurya	2A	Kottackamaliyil,Parumala	Parumala
5	5257	Ameera Akbar	2A	Odattukizhakkethil,Mannar	Mannar
6	5251	Hajara	2A	Tharayil pallath,Kurattickad	Mannar
7	5253	Bahira Rabiyath	2A	Pudhunanai, Thothukudi	Mannar
8	5279	Nandha Hari	2A	Idathayil,Vishawarsserikksra	Mannar
9	5281	Sudev S	2B	Palaparambil,Vishawarsserikkara	Mannar
10	5273	Malavika G Anil	2B	Velaparampil,Kurattissery	Mannar
11	5232	Sivaganga A	ЗА	Kochuthoppil,Parumala	Paumala
12	5198	Sandra S	ЗА	Melppurayidathil,Parumala	Parumala
13	5187	Aadidev R	ЗА	Vazhaparampil,Parumala	Parumala
14	5205	Afna Fathima	3B	Komburath,Mannar	Mannar
15	5201	Hanna Fathima	3B	Kulathippuzha,Kurattissery	Mannar
16	5374	Alan Joseph	3B	Ranniparampil,Mannar	Mannar
17	5109	Christy Solomon Leen	4A	Arikupurath Chirayil,Parumala	Parumala
18	5121	Keerthana R	4A	Kadambattuvilayil,Kurattikkad	Mannar
19	5132	Aadhinath R	4B	Kulathum Madayil,Parumala	Parumala
20	5152	Jobin Varghese	4B	Thundil,Parumala	Parumala
21	5233	Muhammed Nibras	4B	Chakkulath, Eramathur	Mannar
22	5159	Muhammed Sujai	4B	Vanyath,Vishavarsserikkara	Mannar
23	5112	Sarang R	4B	Tharayil,Kurattikad	Mannar
24	5139	Vyga B Nair	4B	Kizhakkeparampil,Parumala	Parumala
25	5044	Anaswar P Anil	5A	Punnasseril,Parumala	Parumala
26	5054	Nandhu Filendran	5A	Arikupurathu Thekkethil,Parumala	Parumala
27	5081	Sanjay P S	5A	Punnasseril,Parumala	Parumala

3.8. Activity: Scholarship to the clever students for higher education

Beneficiaries: Students with high score mark in SSLC and Plus Two

Deposit Amount: Rs. 2, 50,000/-

Amount spent: Rs. 91,000/-

Activity executed: Scholarship to nine students (Rs.10,000/- each), who got A plus in all subjects in SSLC or Plus two examinations conducted on 2020 from different schools of KadapraGramapanchayath .The Scholarships for students were distributed by H.H Moran Mar Baselios Marthoma Mathews III at the Inaugural function of cardiology division of Parumala hospital on 14/02/2021. The photos (Fig: 77) and the completion certificate is attached as Annexure XIII.





Fig: 77. Distribution of Scholarships to students by H.H Moran Mar BaseliosMarthoma Mathews III

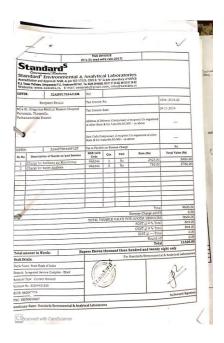
S.I	Name of School	Acknowledging authority	Phone No
1.	Syndesmos public	Smt.Deepthi Nair,Principal,	0479 2314331
	school,Parumala	Syndesmos high school,Parumala	
2.	St.Johns Higher secondary	Mrs SusanSamuel,Principal,St.Johns	0479-2344448
	School, Mattom	Higher secondary School, Mattom	
3.	St.George College of Health	Mrs.Jisha mol .K,Principal, College	0479-2312861
	Science,,Parumala	of Health Science,,Parumala	
4.	St. George Nursing college,	Prof.K.A.Tessy,Principal, Nursing	9447568823
	Parumala	college, Parumala	
5.	St.Goerge Higher secondary	Mr.Thomas J ,Head master,	9447570972
	school,Parumala	St.Goerge Higher secondary	
		school,Parumala	

Table No.8: List of School for Scholarship to the clever students

Annexure-I

Water Sample Analysis Report-1













ULR I	No.:TC540223000004061F	
LRI No.:SEAAL23030369A	Date: 06-03-2023	Page 2 of 2

	TES	T RESULTS - CHEMICAL PA	RAMETERS		
SI. No.	PARAMETERS	TEST METHOD	UNIT	RESULT	Requirement as per Acceptable Limit of IS 10500 : 2012
5	Total Dissolved Solids	IS 3025 (Part 16):1984	mg/L	260	Max 500
6	Total Hardness as CaCO3	IS 3025 (Part 21):2009	mg/L	92.9	Max 200
7	Calcium as Ca	IS 3025 (Part 40):1991	mg/L	25.6	Max 75
8	Magnesium as Mg	IS 3025 (Part 46):1994	mg/L	6.89	Max 30
9	Chloride as Cl	IS 3025 (Part 32):1988	mg/L	52.3	Max 250
10	Iron as Fe	IS 3025 (Part 53):2003	mg/L	0.12	Max 1

	TE	ST RESULTS - BIOLOGICAL	PARAMET	ERS	
Sl. No.	PARAMETERS	TEST METHOD	UNIT	RESULT	Requirement as per Acceptable Limit of IS 10500 : 2012
1	Total Coliform Bacteria	IS 15185: 2016		Absent/100 ml	Absent/100 ml
2	E. coli	IS 15185: 2016		Absent/100 ml	Absent/100 ml

Remarks:The water sample complies with drinking water Specification as peracceptable Limit offS10500:2012 with respect to above parameters tested.

End of Report

Shency Joy TM-Chemical Checked by: Salini T S TM-Biological Authorized Signatory Laiju P N Laboratory Head Authorized Signatory

The results are related only to the samples submitted for analysis and this test report shall not be reproduced except in full, without the written approval of the laboratory.

Standard^s Environmental & Analytical Laboratories

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ULR I	No.:TC540223000004061F	
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	TES	T RESULTS - CHEMICAL PA	RAMETERS		
SI. No.	PARAMETERS	TEST METHOD	UNIT	RESULT	Requirement as per Acceptable Limit of IS 10500 : 2012
5	Total Dissolved Solids	IS 3025 (Part 16):1984	mg/L	260	Max 500
6	Total Hardness as CaCO3	IS 3025 (Part 21):2009	mg/L	92.9	Max 200
7	Calcium as Ca	IS 3025 (Part 40):1991	mg/L	25.6	Max 75
8	Magnesium as Mg	IS 3025 (Part 46):1994	mg/L	6.89	Max 30
9	Chloride as Cl	IS 3025 (Part 32):1988	mg/L	52.3	Max 250
10	Iron as Fe	IS 3025 (Part 53):2003	mg/L	0.12	Max 1

	TE	ST RESULTS - BIOLOGICAL	PARAMET	ERS	
Sl. No.	PARAMETERS	TEST METHOD	UNIT	RESULT	Requirement as per Acceptable Limit of IS 10500 : 2012
1	Total Coliform Bacteria	IS 15185: 2016		Absent/100 ml	Absent/100 ml
2	E. coli	IS 15185: 2016		Absent/100 ml	Absent/100 ml

Remarks:The water sample complies with drinking water Specification as peracceptable Limit offS10500:2012 with respect to above parameters tested.

End of Report

Shency Joy TM-Chemical Checked by: Salini T S TM-Biological Authorized Signatory Laiju P N Laboratory Head Authorized Signatory

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ULR N	o.: TC540223000004062F	
LRI No.: SEAAL23030370A	Date: 06-03-2023	Page 2 of 2

	TES	T RESULTS - CHEMICAL PA	KAMETERS		
Sl. No.	PARAMETERS	TEST METHOD	UNIT	RESULT	Requirement as per Acceptable Limit of IS 10500 : 2012
5	Total Dissolved Solids	IS 3025 (Part 16):1984	mg/L	41.0	Max 500
6	Total Hardness as CaCO ₃	IS 3025 (Part 21):2009	mg/L	12.1	Max 200
7	Calcium as Ca	IS 3025 (Part 40):1991	mg/L	3.20	Max 75
8	Magnesium as Mg	IS 3025 (Part 46):1994	mg/L	<1.00	Max 30
9	Chloride as Cl	IS 3025 (Part 32):1988	mg/L	11.1	Max 250
10	Iron as Fe	IS 3025 (Part 53):2003	mg/L	<0.10	Max 1

541	TE	ST RESULTS - BIOLOGICAL	PARAMET	ERS	
Sl. No.	PARAMETERS	TEST METHOD	UNIT	RESULT	Requirement as per Acceptable Limit of IS 10500 : 2012
1	Total Coliform Bacteria	IS 15185: 2016		Absent/100 ml	Absent/100 m
2	E. coli	IS 15185: 2016		Absent/100 ml	Absent/100 m

Remarks: The water sample complies with drinking water Specification as per acceptable Limit of IS10500:2012 with respect to above parameters tested.

End of Report

Shency Joy TM-Chemical Checked by: TM-Biological
Authorized Signatory

Laiju P N Laboratory Head Authorized Signatory

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ULR N	o.: TC540223000004063F	
LRI No.: SEAAL23030371A	Date: 06-03-2023	Page 1 of 2

	CUSTOMER DETAILS	
Customer Name & Address	M/s St. Gregorios Medical Mission Hospital Parumala, Pathanamthitta District.	
Customer Reference	Test Request dt : 25-02-2023	

	SAMPLE	DETAILS	
Product Category	Water	Sample Code	WT23020475
Sample Name	Water	Sample Received on	25-02-2023
Sample Description by Customer	WTP Product	Temperature @ Receipt	4 °C
Sample Conditions at Receipt	Fit for Analysis	Test Commenced on	25-02-2023
Sample Quantity & Packing	2 Litre &125ml in Plastic Bottle	Test Completed on	04-03-2023
Information Provided by Customer		Sampled by	Lab Authorized Sampler

	DETAILS OF	SAMPLING	
Sample Source	WTP	Date of Sampling	25-02-2023
Sumple Courts	SEAAL/ENL/GEN/SOP/01 &	Sample Temperature	28 °C
Sampling Procedure	SEAAL/MBL/SOP/06	Sample Temperature	

TE	ST RESULTS - CHEMICAL PA	RAMETERS		
PARAMETERS	TEST METHOD	UNIT	RESULT	Requirement as per Acceptable Limit of IS 10500 : 2012
Colour	IS 3025 (Part 4):1983	Hazen	1	Max 5
			Agreeable	Agreeable
		NTU	<0.1	Max 1
Turbidity			7.12	6.50 - 8.50
		PARAMETERS TEST METHOD Colour 1S 3025 (Part 4):1983 Odour 1S 3025 (Part 5):2018 Turbidity 1S 3025 (Part 10):1984	PARAMETERS TEST METHOD UNIT Colour 18 3025 (Part 4):1983 Hazen Odour 18 3025 (Part 5):2018 Turbidity 18 3025 (Part 10):1984 NTU	PARAMETERS TEST METHOD Colour 1S 3025 (Part 4):1983 Hazen 1 Odour 1S 3025 (Part 5):2018 — Agreeable Turbidity 1S 3025 (Part 10):1984 NTU <0.1

Shency Joy TM-Chemical Checked by: Salini T S TM-Biological Authorized Signatory Laiju P N Laboratory Head Authorized Signatory

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ULR I	No.: TC540223000004063F	
LRI No.: SEAAL23030371A	Date: 06-03-2023	Page 2 of 2

TEST RESULTS - CHEMICAL PARAMETERS						
Sl. No.	PARAMETERS	TEST METHOD	UNIT	RESULT	Requirement as per Acceptable Limit of IS 10500 : 2012	
5	Total Dissolved Solids	IS 3025 (Part 16):1984	mg/L	254	Max 500	
6	Total Hardness as CaCO ₃	IS 3025 (Part 21):2009	mg/L	97.0	Max 200	
7	Calcium as Ca	IS 3025 (Part 40):1991	mg/L	25.6	Max 75	
8	Magnesium as Mg	IS 3025 (Part 46):1994	mg/L	7.89	Max 30	
9	Chloride as Cl	1S 3025 (Part 32):1988	mg/L	52.3	Max 250	
10	Iron as Fe	IS 3025 (Part 53):2003	mg/L	0.17	Max 1	

	TE	ST RESULTS - BIOLOGICAL	PARAMET	ERS	
Sl. No.	PARAMETERS	TEST METHOD	UNIT	RESULT	Requirement as per Acceptable Limit of IS 10500 : 2012
1	Total Coliform Bacteria	IS 15185; 2016		Absent/100 ml	Absent/100 m
2	E. coli	IS 15185: 2016		Absent/100 ml	Absent/100 m

Remarks: The water sample complies with drinking water Specification as per acceptable Limit of IS10500:2012 with respect to above parameters tested.

End of Report

Shency Joy TM-Chemical Checked by: Salini T S TM-Biological Authorized Signatory Laiju P N Laboratory Head Authorized Signatory

The results are related only to the samples submitted for analysis and this test report shall not be reproduced except in full, without the written approval of the laboratory

Accreditation & Approval: NABL accredited Testing Laboratory as per ISO/IEC 17025:2017 vide Certificate No. TC - 5402 & "A" Grade Laboratory approved by KSPCB.





ULR N	io.: TC540223000004064F	
LRI No.: SEAAL23030372A	Date: 06-03-2023	Page 1 of 2

	CUSTOMER DETAILS
Customer Name & Address	M/s St. Gregorios Medical Mission Hospital Parumala, Pathanamthitta District
Customer Reference	Test Request dt : 25-02-2023

SAMPLE DETAILS					
Product Category	Water	Sample Code	WT23020476		
Sample Name	Water	Sample Received on	25-02-2023		
Sample Description by Customer	RO Water	Temperature @ Receipt	4 °C		
Sample Conditions at Receipt	Fit for Analysis	Test Commenced on	25-02-2023		
Sample Quantity & Packing	2Litre &125 ml in Plastic Bottle	Test Completed on	04-03-2023		
Information Provided by Customer		Sampled by	Lab Authorized Sampler		

DETAILS OF SAMPLING					
Sample Source	Dialysis South Side	Date of Sampling	25-02-2023		
Sampling Procedure	SEAAL/ENL/GEN/SOP/01 & SEAAL/MBL/SOP/06	Sample Temperature	28 °C		

	TEST RESULTS - CHEMICAL PARAMETERS						
Sl. No.	PARAMETERS	TEST METHOD	UNIT	RESULT	Requirement as per Acceptable Limit of IS 10500 : 2012		
1	Colour	IS 3025 (Part 4):1983	Hazen	1	Max 5		
2	Odour	IS 3025 (Part 5):2018		Agreeable	Agreeable		
3	Turbidity	IS 3025 (Part 10):1984	NTU	<0.1	Max 1		
4	pH	IS 3025 (Part 11):1983	***	8.32	6.50 - 8.50		

Shency Joy TM-Chemical Checked by: Salini T S TM-Biological Authorized Signatory Laiju P N Laboratory Head Authorized Signatory

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ULR I	No.: TC540223000004064F	
LRI No.: SEAAL23030372A	Date: 06-03-2023	Page 2 of 2

	TES	T RESULTS - CHEMICAL PA	RAMETERS		
Sl. No.	PARAMETERS	TEST METHOD	UNIT	RESULT	Requirement as per Acceptable Limit of IS 10500 : 2012
5	Electrical Conductivity	IS 3025 (Part 14): 1984	μS/cm	548	***
6	Total Dissolved Solids	IS 3025 (Part 16):1984	mg/L	247	Max 500
7	Total Hardness as CaCO ₃	1S 3025 (Part 21):2009	mg/L	88.9	Max 200
8	Calcium as Ca	IS 3025 (Part 40):1991	mg/L	24.0	Max 75
9	Magnesium as Mg	IS 3025 (Part 46):1994	mg/L	3.44	Max 30
10	Chloride as Cl	IS 3025 (Part 32):1988	mg/L	50.3	Max 250
11	Total Alkalinity as CaCO3	IS 3025 (Part 23): 1986	mg/L	137	Max 200
12	Iron as Fe	IS 3025 (Part 53):2003	mg/L	0.11	Max 1
13	Sulphate as SO ₄	IS 3025 (Part 24): 1986	mg/L	6.80	Max 200
14	Nitrate as NO ₃	IS 3025 (Part 34): 1988	mg/L	<1.00	Max 50.0
15	Fluoride as F	IS 3025 (Part 60): 2008	mg/L	<0.10	Max 1.00

	TE	ST RESULTS - BIOLOGICAL	PARAMET	ERS	
S1. No.	PARAMETERS	TEST METHOD	UNIT	RESULT	Requirement as per Acceptable Limit of IS 10500: 2012
1	Total Coliform Bacteria	IS 15185: 2016		Absent/100 ml	Absent/100 ml
2	E coli	IS 15185: 2016		Absent/100 ml	Absent/100 ml

Remarks: The water sample complies with drinking water Specification as peracceptable Limit ofIS10500:2012 with respect to above parameters tested .

End of Report

Shency Joy TM-Chemical Checked by: Salini T S TM-Biological Authorized Signatory Laiju P N
Laboratory Head
Authorized Signatory

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ULR I	No.: TC540223000004065F	
LRI No.: SEAAL23030373A	Date: 06-03-2023	Page 1 of 2

	CUSTOMER DETAILS	
Customer Name & Address	M/s St. Gregorios Medical Mission Hospital Parumala, Pathanamthitta District.	
Customer Reference	Test Request dt : 25-02-2023	

SAMPLE DETAILS			
Product Category	Water	Sample Code	WT23020477
Sample Name	Water	Sample Received on	25-02-2023
Sample Description by Customer	RO Water	Temperature @ Receipt	4 °C
Sample Conditions at Receipt	Fit for Analysis	Test Commenced on	25-02-2023
Sample Quantity & Packing	2Litre & 125 ml Plastic Bottle	Test Completed on	04-03-2023
Information Provided by Customer		Sampled by	Lab Authorized Sampler

	DETAILS OF	SAMPLING	
Sample Source	Dialysis North Side	Date of Sampling	25-02-2023
Sampling Procedure	SEAAL/ENL/GEN/SOP/01 & SEAAL/MBL/SOP/06	Sample Temperature	28 °C

	TES	T RESULTS - CHEMICAL PA	MICAL PARAMETERS		
SI. No.	PARAMETERS	TEST METHOD	UNIT	RESULT	Requirement as per Acceptable Limit of IS 10500 : 2012
1	Colour	IS 3025 (Part 4):1983	Hazen	1	Max 5
2	Odour	IS 3025 (Part 5):2018		Agreeable	Agreeable
3	Turbidity	IS 3025 (Part 10):1984	NTU	<0.1	Max 1
4	рН	IS 3025 (Part 11):1983		7.36	6.50 - 8.50
5	Electrical Conductivity	IS 3025 (Part 14): 1984	μS/cm	534	Dannet a

Shency Joy TM-Chemical

Salini T S TM-Biological

Laiju P N Laboratory Head The results are related only to the samples submitted for analysis and this test report shall not be reproduced except in full, without the written approval of the laboratory.

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ULR N	lo.: TC540223000004065F	
LRI No.: SEAAL23030373A	Date: 06-03-2023	Page 2 of 2

	TES	T RESULTS - CHEMICAL PA	RAMETERS		
Sl. No.	PARAMETERS	TEST METHOD	UNIT	RESULT	Requirement as per Acceptable Limit of IS 10500 : 2012
6	Total Dissolved Solids	IS 3025 (Part 16):1984	mg/L	245	Max 500
7	Total Hardness as CaCO ₃	IS 3025 (Part 21):2009	mg/L	97.0	Max 200
8	Calcium as Ca	IS 3025 (Part 40):1991	mg/L	25.6	Max 75
9	Magnesium as Mg	IS 3025 (Part 46):1994	mg/L	7.87	Max 30
10	Chloride as Cl	IS 3025 (Part 32):1988	mg/L	50.3	Max 250
11	Total Alkalinity as CaCO ₃	IS 3025 (Part 23): 1986	mg/L	137	Max 200
12	Iron as Fe	IS 3025 (Part 53):2003	mg/L	0.13	Max 1
13	Sulphate as SO ₄	IS 3025 (Part 24): 1986	mg/L	3.67	Max 200
14	Nitrate as NO ₃	IS 3025 (Part 34): 1988	mg/L	<1.00	Max 50.0
15	Fluoride as F	IS 3025 (Part 60): 2008	mg/L	<0.10	Max 1.00

	TE	ST RESULTS - BIOLOGICAL	PARAMET	ERS	
Sl. No.	PARAMETERS	TEST METHOD	UNIT	RESULT	Requirement as per Acceptable Limit of IS 10500 : 2012
1	Total Coliform Bacteria	IS 15185: 2016	****	Absent/100 ml	Absent/100 ml
2	E coli	IS 15185: 2016		Absent/100 ml	Absent/100 ml

Remarks: The water sample complies with drinking water Specification as peracceptable Limit offS10500:2012 with respect to above parameters tested.

End of Report

Shency Joy TM-Chemical Salini T S
TM-Biological

Laiju P N Laboratory Head Authorized Signatory

TM-Chemical

Authorized Signatory
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Standard^S Environmental & Analytical Laboratories

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Test Report No: 20230317/R	009	Date: 27-03-2023	Page 1 of 1
The second second	cus	TOMER DETAILS	
Customer Name & Address	M/s St. Gregori	os Medical Mission Hospital amthitta District.	
Customer Reference	Test Request Date	: 17-03-2023	

	SAMPLE DI	ETAILS	
Product Category	Environment & Pollution	Sample Code	20230317/S009
Sample Name	Water	Sample Received on	17-03-2023
Sample Description by Customer	Dialysis RO Water	Temperature @ Receipt	4ºC
Sample Conditions at Receipt	Fit for Analysis	Test Commenced on	18-03-2023
Sample Quantity & Packing	100 ml in Glass Bottle	Test Completed on	18-03-2023
Information Provided by Customer		Sampled by	Lab Authorized Sampler

	DETAILS OF	SAMPLING	THE STATE OF THE S
Sample Source	North Block	Date of Sampling	17-03-2023
Sampling Procedure	SEAAL/MBL/SOP/06	Sample Temperature	27.4°C

E THE		TEST RESULTS-BIOLOG	HCAL PARAL	METERS	
SL NO	TEST PARAMETERS	TEST METHOD	UNIT	RESULT	AAMI RD 62:2001, AMENDMENT :2014 STANDARD
Mark 10 1921	Bacterial Endotoxin	As per USP 85	EU/ml	<0.25	< 0.25

End of Report

Muhseena K M Jr. Microbiologist Checked by:



Salini T S TM-Microbiology Authorized Signatory

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Standard^s Environmental & Analytical Laboratories

Approval & Recognition: "A" Grade Laboratory approved by Kerala State Pollution Control Board.

K.J. Tower, Pathalam, Udyogamandal P.O., Ernakulam-683 501, Tel. 0484-2546660, 93 87 27 24 02, 90 74 34 14 43

Web: www.sealabs.in, E-mail: seaalab@gmail.com



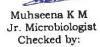
Test Report No: 20230317/R008		Date: 27-03-2023	Page 1 of 1
		TOMER DETAILS	
Customer Name & Address	M/s St. Gregori	os Medical Mission Hospital amthitta District.	
Customer Reference Test Request Date: 1		: 17-03-2023	

	SAMPLE D	ETAILS	BREET BUILDING
Product Category	Environment & Pollution	Sample Code	20230317/S008
Sample Name	Water	Sample Received on	17-03-2023
Sample Description by Customer	Dialysis RO Water	Temperature @ Receipt	4°C
Sample Conditions at Receipt	Fit for Analysis	Test Commenced on	18-03-2023
Sample Quantity & Packing	100 ml in Glass Bottle	Test Completed on	18-03-2023
Information Provided by Customer	222	Sampled by	Lab Authorized Sampler

	DETAILS OF	SAMPLING	
Sample Source	South Block	Date of Sampling	17-03-2023
Sampling Procedure	SEAAL/MBL/SOP/06	Sample Temperature	27.2°C

		TEST RESULTS-BIOLOG	ICAL PARAM	METERS	
SL NO	TEST PARAMETERS	TEST METHOD	UNIT	RESULT	AAMI RD 62:2001, AMENDMENT :2014 STANDARD
	Bacterial Endotoxin	As per USP 85	EU/ml	<0.25	< 0.25

End of Report





Salini T S TM-Microbiology Authorized Signatory





ULR No:TC540223000005347F					
LRI No.:SEAAL23031655A	Date: 27-03-2023	Page 2 of 2			

	TEST RESULTS- CHEMICAL PARAMETERS							
Sl. No.	PARAMETERS	TEST METHOD	UNIT	RESULT	Requirement as per Acceptable Limit of IS 10500: 2012			
8	Calcium as Ca	IS 3025 (Part 40): 1991	mg/L	28.0	75 (Max)			
9	Magnesium as Mg	IS 3025 (Part 46): 1994	mg/L	5.84	30 (Max)			
10	Chloride as Cl	IS 3025 (Part 32): 1988	mg/L	66.5	250 (Max)			
11	Total Alkalinity as CaCO3	IS 3025 (Part 23): 1986	mg/L	145	200 (Max)			
12	lron as Fe	IS 3025 (Part 53): 2003	mg/L	<0.10	1 (Max)			
13	Sulphate as SO ₄	IS 3025 (Part 24): 1986	mg/L	9.44	200 (Max)			
14	Nitrate as NO ₃	IS 3025 (Part 34): 1988	mg/L	<1.00	50 (Max)			
15	Fluoride as F	IS 3025 (Part 60): 2008	mg/L	<0.10	1 (Max)			

	TEST RESULTS - BIOLOGICAL PARAMETERS						
Sl. No.	PARAMETERS	TEST METHOD	UNIT	RESULT	Requirement as per Acceptable Limit of IS 10500: 2012		
1	Total Coliform Bacteria	IS 15185: 2016		Absent/100 ml	Absent/100 ml		
2	E coli	IS 15185: 2016		Absent/100 ml	Absent/100 ml		

Remarks: The water sample complies with drinking water Specification as per Acceptable Limit of IS10500:2012 with respect to above parameters tested

End of Report

Shency Joy TM-Chemical Checked by: Salini T S TM-Biological Authorized Signatory

Laiju P N Laboratory Head Authorized Signatory





ULR No:TC540223000005347F					
LRI No.:SEAAL23031655A	Date: 27-03-2023	Page 1 of 2			

	CUSTOMER DETAILS
Customer Name & Address	M/s St. Gregorios Medical Mission Hospital Parumala, Pathanamthitta District.
Customer Reference	Test Request Date: 17-03-2023

SAMPLE DETAILS				
Product Category	Water	Sample Code	WT23030318	
Sample Name	Water	Sample Received on	17-03-2023	
Sample Description by Customer	Dialysis RO Water	Temperature @ Receipt	4°C	
Sample Conditions at Receipt	Fit for Analysis	Test Commenced on	18-03-2023	
Sample Quantity& Packing	2 L & 125 ml in a Plastic Bottle	Test Completed on	25-03-2023	
Information Provided by Customer		Sampled by	Lab Authorized Sampler	

DETAILS OF SAMPLING						
Sample Source	South Block	Date of Sampling	17-03-2023			
Sampling Procedure	SEAAL/ENL/GEN/SOP/01 & SEAAL/MBL/SOP/06	Sample Temperature	27°C			

TEST RESULTS- CHEMICAL PARAMETERS					
Sl. No.	PARAMETERS	TEST METHOD	UNIT	RESULT	Requirement as per Acceptable Limit of IS 10500: 2012
1	Colour	IS 3025 (Part 4): 1983	Hazen	1	5 (Max)
2	Odour	IS 3025 (Part 5): 2018		Agreeable	Agreeable
3	Turbidity	IS 3025 (Part 10): 1984	NTU	<0.1	1 (Max)
4	pН	IS 3025 (Part 11): 1983		7.91	6.50-8.50
5	Electrical Conductivity	IS 3025 (Part 14): 1984	μS/cm	509	***
6	Total Dissolved Solids	IS 3025 (Part 16): 1984	mg/L	280	500 (Max)
7	Total Hardness as CaCO3	IS 3025 (Part 21): 2009	mg/L	94.0	200 (Max)

Shency Joy TM-Chemical Checked by: Salini T S TM-Biological Authorized Signatory Laiju P N Laboratory Head Authorized Signatory







ULR No: TC540223000007615F			
LRI No.: SEAAL23041719A	Date: 29-04-2023	Page 1 of 1	

	CUSTOMER DETAILS
Customer Name & Address	M/s St. Gregorios Medical Mission Hospital Parumala, Pathanamthitta District.
Customer Reference	Test Request Date: 22-04-2023

SAMPLE DETAILS				
Product Category	Pollution& Environment	Sample Code	EN23040713	
Sample Name	Waste Water	Sample Received on	24-04-2023	
Sample Description by Customer	Treated Sewage Water	Temperature @ Receipt	6°C	
Sample Conditions at Receipt	Fit for Analysis	Test Commenced on	24-04-2023	
Sample Quantity& Packing	2 Litre in Plastic Bottle	Test Completed on	28-04-2023	
Information Provided by Customer		Sampled by	Lab Authorized Sampler	

DETAILS OF SAMPLING				
Sample Source	STP Phase 2	Date of Sampling	22-04-2023	
Sampling Procedure	SEAAL/ENL/GEN/SOP/01	Sample Temperature	26°C	

TEST RESULTS-CHEMICAL					
S1. No.	PARAMETERS	TEST METHOD	UNIT	RESULT	KSPCB LIMIT
1	pH	IS 3025 (Part 11): 1983		7.59	5.5 - 9.0
2	Total Suspended Solids	IS 3025 (Part 17): 1984	mg/L	16.0	100 (Max)
3	Biochemical Oxygen Demand (3 days at 27 °C)	IS 3025 (Part 44): 1993	mg/L	9.00	30 (Max)
4	Chemical Oxygen Demand	IS 3025 (Part 58): 2006	mg/L	32.0	250 (Max)
5	Oil & Grease	IS 3025 (Part 39): 1991	mg/L	<1.00	10 (Max)

Remarks:

End of Report

Shency Joy TM-Chemical Checked by: Ueyouthe

Laiju P N Laboratory Head Authorized Signatory

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ULI	R No: TC540223000007614F	
LRI No.: SEAAL23041718A	Date: 29-04-2023	Page 1 of 1

	CUSTOMER DETAILS
Customer Name & Address	M/s St. Gregorios Medical Mission Hospital Parumala, Pathanamthitta District.
Customer Reference	Test Request Date: 22-04-2023

SAMPLE DETAILS				
Product Category	Pollution& Environment	Sample Code	EN23040712	
Sample Name	Waste Water	Sample Received on	24-04-2023	
Sample Description by Customer	Treated Sewage Water	Temperature @ Receipt	6°C	
Sample Conditions at Receipt	Fit for Analysis	Test Commenced on	24-04-2023	
Sample Quantity& Packing	2 Litre in Plastic Bottle	Test Completed on	28-04-2023	
Information Provided by Customer		Sampled by	Lab Authorized Sampler	

DETAILS OF SAMPLING				
Sample Source	STP Phase 1	Date of Sampling	22-04-2023	
Sampling Procedure	SEAAL/ENL/GEN/SOP/01	Sample Temperature	26°C	

TEST RESULTS-CHEMICAL					
Sl. No.	PARAMETERS	TEST METHOD	UNIT	RESULT	KSPCB LIMIT
1	pH	IS 3025 (Part 11): 1983		7.31	5.5 – 9.0
2	Total Suspended Solids	IS 3025 (Part 17): 1984	mg/L	22.0	100 (Max)
3	Biochemical Oxygen Demand (3 days at 27 °C)	IS 3025 (Part 44): 1993	mg/L	21.0	30 (Max)
4	Chemical Oxygen Demand	IS 3025 (Part 58): 2006	mg/L	72.0	250 (Max)
5	Oil & Grease	IS 3025 (Part 39): 1991	mg/L	<1.00	10 (Max)

Remarks:

End of Report

Shency Joy TM-Chemical Checked by:



Laiju P N Laboratory Head Authorized Signatory

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ULR No: TC540223000007605F			
LRI No.: SEAAL23041709A	Date: 29-04-2023	Page 1 of 2	

	CUSTOMER DETAILS
Customer Name & Address	M/s St. Gregorios Medical Mission Hospital Parumala, Pathanamthitta District.
Customer Reference	Test Request Date: 22-04-2023

SAMPLE DETAILS				
Product Category	Water	Sample Code	WT23040480	
Sample Name	Ground Water	Sample Received on	24-04-2023	
Sample Description by Customer	Bore Well Water	Temperature @ Receipt	4 °C	
Sample Conditions at Receipt	Fit for Analysis	Test Commenced on	24-04-2023	
Sample Quantity& Packing	2 L & 125 ml in a Plastic Bottle	Test Completed on	28-04-2023	
Information Provided by Customer		Sampled by	Lab Authorized Sampler	

DETAILS OF SAMPLING					
Sample Source	Bore Well	Date of Sampling	22-04-2023		
Sampling Procedure	SEAAL/ENL/GEN/SOP/01 & SEAAL/MBL/SOP/06	Sample Temperature	26 °C		

	TEST RESULTS- CHEMICAL PARAMETERS					
Sl. No.	PARAMETERS	TEST METHOD	UNIT	RESULT	Requirement as per Acceptable Limit of IS 10500: 2012	
1	Colour	IS 3025 (Part 4): 1983	Hazen	5	5 (Max)	
2	Odour	IS 3025 (Part 5): 2018		Agreeable	Agreeable	
3	Turbidity	IS 3025 (Part 10): 1984	NTU	15.4	1.0 (Max)	
4	pН	IS 3025 (Part 11): 1983		6.64	6.50-8.50	
5	Total Dissolved Solids	IS 3025 (Part 16): 1984	mg/L	230	500 (Max)	
6	Total Hardness as CaCO ₃	IS 3025 (Part 21): 2009	mg/L	76.0	200 (Max)	
7	Calcium as Ca	IS 3025 (Part 40): 1991	mg/L	19.2	75 (Max)	

Shency Joy TM-Chemical Checked by: Remya B TM-Biological Authorized Signatory

Laiju P N Laboratory Head Authorized Signatory

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ULR No: TC540223000007605F				
LRI No.: SEAAL23041709A	Date: 29-04-2023	Page 2 of 2		

TEST RESULTS- CHEMICAL PARAMETERS					
Sl. No.	PARAMETERS	TEST METHOD	UNIT	RESULT	Requirement as per Acceptable Limit of IS 10500: 2012
8	Magnesium as Mg	IS 3025 (Part 46): 1994	mg/L	6.82	30 (Max)
9	Chloride as Cl	IS 3025 (Part 32): 1988	mg/L	39.1	250 (Max)
10	Iron as Fe	IS 3025 (Part 53): 2003	mg/L	2.10	1 (Max)

	TEST RESULTS - BIOLOGICAL PARAMETERS					
Sl. No.	PARAMETERS	TEST METHOD	UNIT	RESULT	Requirement as per Acceptable Limit of IS 10500: 2012	
1	Total Coliform Bacteria	IS 15185: 2016		Absent/100 ml	Absent/100 ml	
2	E coli	IS 15185: 2016		Absent/100 ml	Absent/100 ml	

Remark

The water sample complies with drinking water Specification as per Acceptable Limit of IS10500:2012 with respect to above parameters tested except Turbidity & Iron as Fe

End of Report

Shency Joy TM-Chemical Checked by: Remya B TM-Biological Authorized Signatory

Laiju P N Laboratory Head Authorized Signatory





ULR No: TC540223000007606F					
LRI No.: SEAAL23041710A	Date: 29-04-2023	Page 1 of 2			

	CUSTOMER DETAILS
Customer Name & Address	M/s St. Gregorios Medical Mission Hospital Parumala, Pathanamthitta District.
Customer Reference	Test Request Date: 22-04-2023

SAMPLE DETAILS							
Product Category Water Sample Code WT23040481							
Sample Name	Ground Water	Sample Received on	24-04-2023				
Sample Description by Customer	Open Well Water	Temperature @ Receipt	4 °C				
Sample Conditions at Receipt	Fit for Analysis	Test Commenced on	24-04-2023				
Sample Quantity& Packing	2 L & 125 ml in a Plastic Bottle	Test Completed on	28-04-2023				
Information Provided by Customer		Sampled by	Lab Authorized Sampler				

	DETAILS OF SA	AMPLING	
Sample Source	Open Well -1	Date of Sampling	22-04-2023
Sampling Procedure	SEAAL/ENL/GEN/SOP/01 & SEAAL/MBL/SOP/06	Sample Temperature	26 °C

TEST RESULTS- CHEMICAL PARAMETERS					
Sl. No.	PARAMETERS	TEST METHOD	UNIT	RESULT	Requirement as per Acceptable Limit of IS 10500: 2012
1	Colour	IS 3025 (Part 4): 1983	Hazen	1	5 (Max)
2	Odour	IS 3025 (Part 5): 2018		Agreeable	Agreeable
3	Turbidity	IS 3025 (Part 10): 1984	NTU	0.4	1.0 (Max)
4	pH	IS 3025 (Part 11): 1983		6.31	6.50-8.50
5	Total Dissolved Solids	IS 3025 (Part 16): 1984	mg/L	420	500 (Max)
6	Total Hardness as CaCO ₃	IS 3025 (Part 21): 2009	mg/L	160	200 (Max)
7	Calcium as Ca	IS 3025 (Part 40): 1991	mg/L	54.4	75 (Max)

Shency Joy TM-Chemical Checked by: Remya B TM-Biological Authorized Signatory

Laiju PN Laboratory Head Authorized Signatory

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ULR No: TC540223000007611F				
LRI No.: SEAAL23041715A	Date: 29-04-2023	Page 1 of 2		

	CUSTOMER DETAILS
Customer Name & Address	M/s St. Gregorios Medical Mission Hospital Parumala, Pathanamthitta District.
Customer Reference	Test Request Date: 22-04-2023

SAMPLE DETAILS				
Product Category	Water	Sample Code	WT23040486	
Sample Name	Water	Sample Received on	24-04-2023	
Sample Description by Customer	RO Water	Temperature @ Receipt	4 °C	
Sample Conditions at Receipt	Fit for Analysis	Test Commenced on	24-04-2023	
Sample Quantity& Packing	2 L & 125 ml in a Plastic Bottle	Test Completed on	28-04-2023	
Information Provided by Customer		Sampled by	Lab Authorized Sampler	

DETAILS OF SAMPLING					
Sample Source	WTP	Date of Sampling	22-04-2023		
Sampling Procedure	SEAAL/ENL/GEN/SOP/01 & SEAAL/MBL/SOP/06	Sample Temperature	26 °C		

	TEST RESULTS- CHEMICAL PARAMETERS					
S1. No.	PARAMETERS	TEST METHOD	UNIT	RESULT	Requirement as per Acceptable Limit of IS 10500: 2012	
1	Colour	IS 3025 (Part 4): 1983	Hazen	1	5 (Max)	
2	Odour	IS 3025 (Part 5): 2018		Agreeable	Agreeable	
3	Turbidity	IS 3025 (Part 10): 1984	NTU	0.4	1.0 (Max)	
4	pH	IS 3025 (Part 11): 1983		7.07	6.50-8.50	
5	Total Dissolved Solids	IS 3025 (Part 16): 1984	mg/L	250	500 (Max)	
6	Total Hardness as CaCO ₃	IS 3025 (Part 21): 2009	mg/L	92.0	200 (Max)	
7	Calcium as Ca	IS 3025 (Part 40): 1991	mg/L	26.4	75 (Max)	

Shency Joy TM-Chemical Checked by: Remya B TM-Biological Authorized Signatory

Laiju P N Laboratory Head Authorized Signatory

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ULR No: TC540223000007611F				
LRI No.: SEAAL23041715A	Date: 29-04-2023	Page 2 of 2		

TEST RESULTS- CHEMICAL PARAMETERS					
Sl. No.	PARAMETERS	TEST METHOD	UNIT	RESULT	Requirement as per Acceptable Limit of IS 10500; 2012
8	Magnesium as Mg	IS 3025 (Part 46): 1994	mg/L	6.33	30 (Max)
9	Chloride as Cl	IS 3025 (Part 32): 1988	mg/L	58.7	250 (Max)
10	Iron as Fe	IS 3025 (Part 53): 2003	mg/L	0.25	1 (Max)

TEST RESULTS - BIOLOGICAL PARAMETERS					
Sl. No.	PARAMETERS	TEST METHOD	UNIT	RESULT	Requirement as per Acceptable Limit of IS 10500: 2012
1	Total Coliform Bacteria	IS 15185: 2016		Absent/100 ml	Absent/100 ml
2	E coli	IS 15185: 2016		Absent/100 ml	Absent/100 ml

Remark

The water sample complies with drinking water Specification as per Acceptable Limit of IS10500:2012 with respect to above parameters tested.

End of Report

Shency Joy TM-Chemical Checked by:

Remya B TM-Biological Authorized Signatory

Laiju P N Laboratory Head Authorized Signatory

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Annexure -III

Ambient Air Monitoring Reports





TEST REPORT

Test Report No:TC540219000003850F	Date: 22.11.2019	Page 1 of 1

	CUSTOM	ER DETAILS		
Customer Name & Address		M/s ST: Gregorious Medical Mission Hospital, Parumala P.O, PIN-689626 Pathanamthitta District.		
Customer Reference		Test Request form dated 08.11.2019		
(4)	SAMPL	PLE DETAILS		
Source of Sample	Ambient Air	Sample Code	19000003850	
Location of Monitoring	At Govt.Primary School, Kadapra,Parumala.	Sampled By	Laboratory	
Date of Monitoring	08.11.2019	Test Started On	09.11.2019	
Sample Received On	09.11.2019	Test Completed On	12.11.2019	
Humidity	71 %	Sampling Procedure	SEAAL/ENL/GEN/SOP/02	

SL NO	TEST PARAMETER	TEST METHOD	UNIT	RESULTS	NAAQ STANDARD
01	Particulate matter (PM ₁₀)	IS 5182 Part 23: 2006 RA 2017	µg/m³	59.6	100
02	Particulate matter (PM _{2.5})	EPA 40 CFR Part 50 Appendix - L	μg/m³	25.4	60.0
03	Sulphur dioxide (SO ₂)	IS 5182 Part 2: 2001 RA 2017	μg/m³	< 2.00	80.0
04	Nitrogen dioxide (NO2)	IS 5182 Part 6: 2006 RA 2017	μg/m ³	6.40	80.0

End of Report

For and on behalf of Standards Environmental & Analytical Laboratorias



Authorized Signatory Laiju P. N. Laboratory Head





Test Report No:TC540219000003850F	Date: 22.11.2019	Page 1 of 1
Test Report No. Teo 10213000000001	Date: 22:11:2017	1 480 1 01 1

Customer Name & Address Parumala P.O, PIN-689626 Pathanamthitta District. Customer Reference Test Request form dated 08.11.2019 SAMPLE DETAILS Source of Sample Ambient Air Sample Code 19000003850 Location of Monitoring At Govt.Primary School, Kadapra,Parumala. Date of Monitoring 08.11.2019 Test Started On 09.11.2019 Sample Received On 09.11.2019	CUSTO	MER DETAILS		
SAMPLE DETAILS Source of Sample Ambient Air Sample Code 19000003850 Location of Monitoring At Govt.Primary School, Kadapra,Parumala. Sampled By Laboratory Date of Monitoring 08.11.2019 Test Started On 09.11.2019 Sample Received On 09.11.2019 Test Completed On 12.11.2019	istomer Name & Address	PIN-689626		
Source of Sample Ambient Air Sample Code 19000003850 Location of Monitoring At Govt.Primary School, Kadapra,Parumala. Sampled By Laboratory Date of Monitoring 08.11.2019 Test Started On 09.11.2019 Sample Received On 09.11.2019 Test Completed On 12.11.2019	astomer Reference	Test Request form dated 08.11.2019		
Location of Monitoring At Govt.Primary School, Kadapra,Parumala. Sampled By Laboratory Date of Monitoring 08.11.2019 Test Started On 09.11.2019 Sample Received On 09.11.2019 Test Completed On 12.11.2019	· SAM	PLE DETAILS		
Date of Monitoring	ource of Sample Ambient Air	Sample Code	19000003850	
Sample Received On 09.11.2019 Test Completed On 12.11.2019		l, Sampled By	Laboratory	
	ate of Monitoring 08.11.2019	Test Started On	09.11.2019	
THE STATE OF THE S	umple Received On 09.11.2019	Test Completed On	12.11.2019	
Humidity 71 % Sampling Procedure SEAAL/ENL/	amidity 71 %	Sampling Procedure	SEAAL/ENL/GEN/SOP/02	

SL NO	TEST PARAMETER	TEST METHOD	UNIT	RESULTS	NAAQ STANDARD
01	Particulate matter (PM ₁₀)	IS 5182 Part 23: 2006 RA 2017	µg/m³	59.6	100
02	Particulate matter (PM _{2.5})	EPA 40 CFR Part 50 Appendix - L	μg/m³	25.4	60.0
03	Sulphur dioxide (SO ₂)	IS 5182 Part 2: 2001 RA 2017	μg/m³	< 2.00	80.0
04	Nitrogen dioxide (NO ₂)	IS 5182 Part 6: 2006 RA 2017	μg/m³	6.40	80.0

End of Report

For and on behalf of Standards Environmental & Analytical Laboratorias

Authorized Signatory

Laiju P. N. Laboratory Head





Test Report No:TC540219000003850F	Date: 22.11.2019	Page 1 of 1
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	CUSTOM	ER DETAILS		
Customer Name & Address	s	M/s ST: Gregorious Medical Mission Hospital, Parumala P.O, PIN-689626 Pathanamthitta District.		
Customer Reference		Test Request form dated 08.11.2019		
	SAMPL	E DETAILS		
Source of Sample	Ambient Air	Sample Code	19000003850	
Location of Monitoring	At Govt.Primary School, Kadapra,Parumala.	Sampled By	Laboratory	
Date of Monitoring	08.11.2019	Test Started On	09.11.2019	
Sample Received On	09.11.2019	Test Completed On	12.11.2019	
Humidity	71 %	Sampling Procedure	SEAAL/ENL/GEN/SOP/02	

SL NO	TEST PARAMETER	TEST METHOD	UNIT	RESULTS	NAAQ STANDARD
01	Particulate matter (PM ₁₀)	IS 5182 Part 23: 2006 RA 2017	µg/m³	59.6	100
02	Particulate matter (PM _{2.5})	EPA 40 CFR Part 50 Appendix - L	μg/m³	25.4	60.0
03	Sulphur dioxide (SO ₂)	IS 5182 Part 2: 2001 RA 2017	μg/m³	< 2.00	80.0
04	Nitrogen dioxide (NO ₂)	IS 5182 Part 6: 2006 RA 2017	$\mu g/m^3$	6.40	80.0

End of Report

For and on behalf of Standard^s Environmental & Analytical Laboratories

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Test Report No:TC540219000003849F	Date: 22.11.2019	Page 1 of 1
) 	-	

	CUSTO	MER DETAILS		
Customer Name & Address	s	M/s ST: Gregorious Medical Mission Hospital, Parumala P.O, PIN-689626 Pathanamthitta District.		
Customer Reference Test Request form dated 08.11.2019		08.11.2019		
	SAMP	LE DETAILS		
Source of Sample	Ambient Air	Sample Code	19000003849	
Location of Monitoring	At Taluk Hospital, Parumala, Thiruvalla.	Sampled By	Laboratory	
Date of Monitoring	08.11.2019	Test Started On	09.11.2019	
Sample Received On	09.11.2019	Test Completed On	12.11.2019	
Humidity	71 %	Sampling Procedure	SEAAL/ENL/GEN/SOP/02	

SL NO	TEST PARAMETER	TEST METHOD	UNIT	RESULTS	NAAQ STANDARD
01	Particulate matter (PM ₁₀)	IS 5182 Part 23: 2006 RA 2017	μg/m³	64.8	100
02	Particulate matter (PM _{2.5})	EPA 40 CFR Part 50 Appendix - L	μg/m³	29.6	60.0
03	Sulphur dioxide (SO ₂)	IS 5182 Part 2: 2001 RA 2017	μg/m³	< 2.00	80.0
04	Nitrogen dioxide (NO ₂)	IS 5182 Part 6: 2006 RA 2017	μg/m³	7.50	80.0

End of Report

For and on behalf of Standards Environmental & Analytical Laboratories

athorized Signatory Laiju P. N.





Test Report No:TC540219000003849F	Date: 22.11.2019	Page 1 of 1

	CUSTO	MER DETAILS		
Customer Name & Address	S	M/s ST: Gregorious Medical Mission Hospital, Parumala P.O, PIN-689626 Pathanamthitta District.		
Customer Reference Test Request form dated 08.1		08.11.2019		
	SAMP	LE DETAILS	14.	
Source of Sample	Ambient Air	Sample Code	19000003849	
Location of Monitoring	At Taluk Hospital, Parumala, Thiruvalla.	Sampled By	Laboratory	
Date of Monitoring	08.11.2019	Test Started On	09.11.2019	
Sample Received On	09.11.2019	Test Completed On	12.11.2019	
Humidity	71 %	Sampling Procedure	SEAAL/ENL/GEN/SOP/02	

SL NO	TEST PARAMETER	TEST METHOD	UNIT	RESULTS	NAAQ STANDARD
01	Particulate matter (PM ₁₀)	IS 5182 Part 23: 2006 RA 2017	μg/m³	64.8	100
02	Particulate matter (PM _{2.5})	EPA 40 CFR Part 50 Appendix - L	μg/m³	29.6	60.0
03	Sulphur dioxide (SO ₂)	IS 5182 Part 2: 2001 RA 2017	μg/m³	< 2.00	80.0
04	Nitrogen dioxide (NO ₂)	IS 5182 Part 6: 2006 RA 2017	μg/m³	7.50	80.0

End of Report

For and on behalf of Standards Environmental & Analytical Laboratories

athorized Signatory Laiju P. N.



Test Report No: TC540219000005762F	Date: 06.03.2020	Page 1 of 1

	CUSTON	MER DETAILS	
Customer Name & Address	3	M/s St. Gregorious Medic	And the state of t
Customer Reference Test Request form			01.03.2020
	SAMP	LE DETAILS	
Source of Sample	Ambient Air	Sample Code	19000005762
Location of Monitoring	At Taluk Hospital, Parumala, Thiruvalla.	Sampled By	Laboratory
Date of Monitoring	01.03.2020	Test Started On	02.03.2020
Sample Received On	02.03.2020	Test Completed On	06.03.2020
Humidity	66 %	Sampling Procedure	SEAAL/ENL/GEN/SOP/02

SL NO	TEST PARAMETER	TEST METHOD	UNIT	RESULTS	NAAQ STANDARD
01	Particulate matter (PM ₁₀)	IS 5182 Part 23: 2006 RA 2017	$\mu g/m^3$	67.9	100
02	Particulate matter (PM _{2.5})	EPA 40 CFR Part 50 Appendix - L	μg/m³	25.3	60.0
03	Sulphur dioxide (SO ₂)	IS 5182 Part 2: 2001 RA 2017	μg/m³	< 2.00	80.0
04	Nitrogen dioxide (NO ₂)	IS 5182 Part 6: 2006 RA 2017	μg/m³	5.40	80.0

End of Report

For and on behalf of Standards Environmental & Analytical Laboratories



Authorized Signatory Rija Joseph Technical Manager



Test Report No: TC540219000005762F Date: 06.0	3.2020 Page 1 of 1
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	CUSTO	MER DETAILS	
Customer Name & Address	s	M/s St. Gregorious Medic	And the state of t
Customer Reference		Test Request form dated (01.03.2020
	SAMP	LE DETAILS	
Source of Sample	Ambient Air	Sample Code	19000005762
Location of Monitoring	At Taluk Hospital, Parumala, Thiruvalla.	Sampled By	Laboratory
Date of Monitoring	01.03.2020	Test Started On	02.03.2020
Sample Received On	02.03.2020	Test Completed On	06.03.2020
Humidity	66 %	Sampling Procedure	SEAAL/ENL/GEN/SOP/02

SL NO	TEST PARAMETER	TEST METHOD	UNIT	RESULTS	NAAQ STANDARD
01	Particulate matter (PM ₁₀)	IS 5182 Part 23: 2006 RA 2017	$\mu g/m^3$	67.9	100
02	Particulate matter (PM _{2.5})	EPA 40 CFR Part 50 Appendix - L	μg/m³	25.3	60.0
03	Sulphur dioxide (SO ₂)	IS 5182 Part 2: 2001 RA 2017	μg/m³	< 2.00	80.0
04	Nitrogen dioxide (NO ₂)	IS 5182 Part 6: 2006 RA 2017	μg/m ³	5.40	80.0

End of Report

For and on behalf of Standards Environmental & Analytical Laboratories



Authorized Signatory Rija Joseph Technical Manager





Test Report No:TC540219000003850F	Date: 22.11.2019	Page 1 of 1
•		

	CUSTOM	ER DETAILS		
Customer Name & Address		M/s ST: Gregorious Medical Mission Hospital, Parumala P.O, PIN-689626 Pathanamthitta District.		
Customer Reference		Test Request form dated 08.11.2019		
	SAMPL	E DETAILS		
Source of Sample	Ambient Air	Sample Code	19000003850	
Location of Monitoring	At Govt.Primary School, Kadapra,Parumala.	Sampled By	Laboratory	
Date of Monitoring	08.11.2019	Test Started On	09.11.2019	
Sample Received On	09.11.2019	Test Completed On	12.11.2019	
Humidity	71 %	Sampling Procedure	SEAAL/ENL/GEN/SOP/02	

SL NO	TEST PARAMETER	TEST METHOD	UNIT	RESULTS	NAAQ STANDARD
01	Particulate matter (PM ₁₀)	IS 5182 Part 23: 2006 RA 2017	µg/m³	59.6	100
02	Particulate matter (PM _{2.5})	EPA 40 CFR Part 50 Appendix - L	μg/m³	25.4	60.0
03	Sulphur dioxide (SO ₂)	IS 5182 Part 2: 2001 RA 2017	μg/m³	< 2.00	80.0
04	Nitrogen dioxide (NO ₂)	IS 5182 Part 6: 2006 RA 2017	μg/m³	6.40	80.0

End of Report

For and on behalf of Standards Environmental & Analytical Laboratories

Authorized Signatory

Laiju P. N. Laboratory Head

Annexure No-IV Monitoring Reports, Air, Efflent water, Noise





TEST REPORT

		-
Test Report No: TC540218000001055F	Date: 04.01.2019	Page 1 of 1

	CUST	TOMER DETAILS		
Customer Details	Name & Address	M/s St. Gregorios Intern Multi-Speciality Hospital Parumala, Thiruvalla, Pathanamthitta District,		
	Re -Survey No	286/2, 286/3, 286/16		
	Village	Kadapra		
ocation of Site	Taluk	Thiruvalla		
	District	Pathanamthitta		
	State	Kerala		
Customer Reference		Test Request form dated	30.12.2018	
	SA	MPLE DETAILS		
Source of Sample	Ambient Air	Sample Code	TC540218000001055F	
Location of Monitoring	South West side	Sampled By	Laboratory	
Date of Monitoring	30.12.2018	Test Started On	01.01.2019	
Sample Received On	31.12.2018	Test Completed On	02.01.2019	
Humidity	59 %	Sampling Procedure	IS 5182 Part V & XIV	

SL NO	TEST PARAMETER	TEST METHOD	UNIT	RESULTS	NAAQ STANDARD
01	Particulate matter (PM ₁₀)	IS 5182 Part 23: 2006 RA 2017	μg/m³	75.8	100
02	Particulate matter (PM _{2.5})	EPA 40 CFR Part 50 Appendix - L	μg/m³	24.1	60.0
03	Sulphur dioxide (SO ₂)	IS 5182 Part 2: 2001 RA 2017	μg/m³	< 2.00	80.0
04	Nitrogen dioxide (NO ₂)	IS 5182 Part 6: 2006 RA 2017	μg/m³	3.42	80.0

End of Report*

For and on behalf of

(0810. C

Laiju P. N. Laboratory Head

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Sampled By

TEST REPORT



Test Report No: TC540218000001056F Date: 04.01.2019 Page 1 of 1 CUSTOMER DETAILS

M/s St. Gregorios International Cancer Care Centre & Multi-Speciality Hospital Parumala, Thiruvalla, Customer Details Name & Address Pathanamthitta District, Kerala-689626 Re -Survey No Village Taluk 286/2, 286/3, 286/16 Kadapra Thiruvalla Location of Site Pathanamthitta
Kerala
Test Request Form dated 30.12.2018 Customer Reference SAMPLE DETAILS 31.12.2018 SEAAL/MSP/24 & SEAAL/MBL/SOP/06 South West Side Good 31.12.2018 04.01.2019 TC540218000001056F Sample Received On Sample Code Sampling Procedure Sample Name Water Sample Description Identification By Custom Sampled On Open Well Sampling Location Sample Condition 30.12.2018 Test Started On Test Completed On

SL	TEST PARAMETER	TEST METHOD	UNITS	RESULT	(IS 10500 - 2012)
01	Colour	IS 3025 Part 4:1983 RA 2017	Hazen	1.00	5.00 (Max)
02	Odour	IS 3025 Part 5:1983 RA 2017		Unobjectionable	Unobjectionable
03	Turbidity	IS 3025 Part 10:1984 RA 2017	NTU	< 0.10	1.00 (Max)
04	pH	IS 3025 Part 11:1983 RA 2017		6.27	6.50 - 8.50
05	Total Dissolved Solids	IS 3025 Part 16:1984 RA 2017	mg/L	303	500 (Max)
06	Total Hardness (as CaCO ₃)	IS 3025 Part 21:2009 RA 2014	mg/L	121	200 (Max)
07	Calcium (as Ca)	IS 3025 Part 40:1991 RA 2014	mg/L	43.6	75.0 (Max)
08	Magnesium (as Mg)	IS 3025 Part 46:1994 RA 2014	mg/L	2.95	30.0 (Max)
09	Chloride (as Cl)	IS 3025 Part 32:1988 RA 2014	mg/L	89.9	250 (Max)
10	Total Alkalinity (as CaCO ₃)	IS 3025 Part 23:1986 RA 2014	mg/L	41.4	200 (Max)
11	Iron (as Fe)	IS 3025 Part 53:2003 RA 2014	mg/L	< 0.10	1.00 (Max)
12	Sulphate (SO ₄)	IS 3025 Part 24:1986 RA 2014	mg/L	36.3	200 (Max)
13	Total Coliform Bacteria	IS 15185: 2016		Absent/100 ml	Absent/100 ml
14	E coli	IS 15185: 2016	****	Absent/100 ml	Absent/100 ml

End of Report

Vidhyalakshmi Das Microbiologist Authorized Signatory

For and on behalf of nalytical Laboratories

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Web. www.sealabs.in, E-mail: sealab@gmail.com, info@sealabs.in





Test Report No: TC540218000001057F		Date: 04.01.2019	Page 1 of 1		
	CUST	OMER DETAILS			
Customer Details	Name & Address	M/s St. Gregorios International Cancer Care Centre & Multi-Speciality Hospital Parumala, Thiruvalla, Pathanamthitta District, Kerala-689626			
Location Of Site	Re -Survey No	286/2, 286/3, 286/16			
	Village	Kadapra			
	Taluk	Thiruvalla			
	District	Pathanamthitta			
	State	Kerala			
Customer Reference		Test Request Form Dated 30.12.2018			
	SAM	MPLE DETAILS	The same of the sa		
Source of sample		Ambient Noise Level			
Sample Code		TC540218000001057F	*		
Location of Monitoring		North West side Boundary			
Date of Monitoring		30.12.2018			

DAYTIME	RESULT	NIGHTTIME	RESULT	
06.00 Hrs	37.7 dB (A)	23.00 Hrs	37.6 dB (A)	
07.00 Hrs	40.5 dB (A)	00.00 Hrs	37.2 dB (A)	
08.00 Hrs	44.7 dB (A)	01.00 Hrs	37.9 dB (A)	
09.00 Hrs	48.2 dB (A)	02.00 Hrs	37.6 dB (A)	
10.00 Hrs	50.6 dB (A)	03.00 Hrs	38.3 dB (A)	
11.00 Hrs	53.7 dB (A)	04.00 Hrs	37.2 dB (A)	
12.00 Hrs	51:0 dB (A)	05.00 Hrs	39.0 dB (A)	
13.00 Hrs	50.2 dB (A)	RESULTS		
14.00 Hrs	50.6 dB (A)			9
15.00 Hrs	51.0 dB (A)	Noise Level (Leg) Daytime		49.1 dB (A)
16.00 Hrs	52.1 dB (A)			
17.00 Hrs	52.5 dB (A)	Noise Level (Led) Daytille		
18.00 Hrs	47.1 dB (A)			
19.00 Hrs	43.6 dB (A)	Notes I and Cont Minhating		37.5 dB (A)
20.00 Hrs	39.7 dB (A)			
21.00 Hrs	39.2 dB (A)	Noise Level (Leq) Nighttime 37.5		
22.00 Hrs	36.6 dB (A)			

End of Report

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Annexure-V

The run-off from the roof top with an area of 4418 M^2 is appropriately channelized to the storm water collection tank (45,000 L storage capacity) and after treatment of ionization and carbonization, it is re used for domestic purposes. The details are given in the schematic diagram given below (Fig:1)

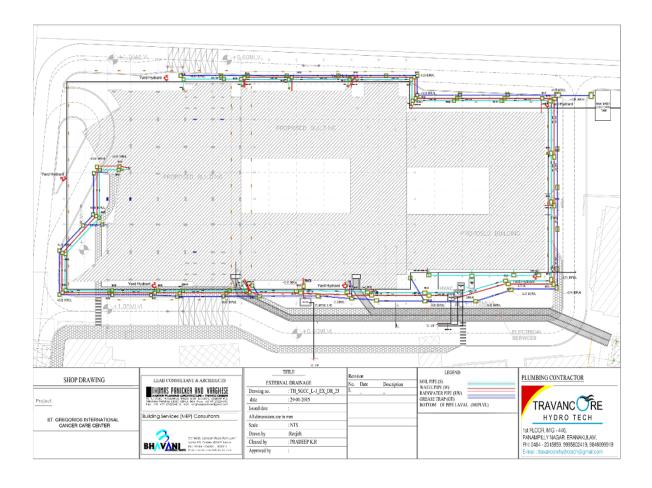


Fig: 1. Schematic diagram of Rain water Harvesting

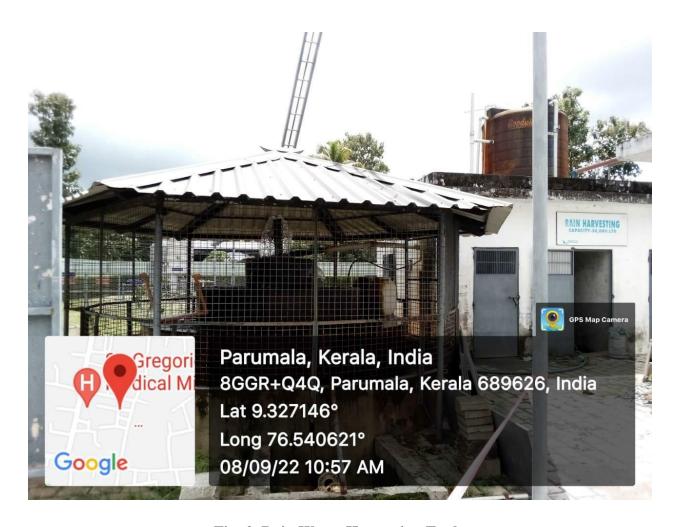


Fig: 2. Rain Water Harvesting Tank

ANNEXURE VI

Basic Life Support Trainingfor Critical Care Unit, Ambulance Drivers, Asha Workers











പരുമല ആശുപത്രിയിലെ എമർജൻസി മെഡിസിൻ ഡിപ്പാർട്മെന്റിന്റെയും ക്രിറ്റിക്കൽ കെയർ ഡിപ്പാർട്മെന്റിന്റെയും ആഭിമുഖ്യത്തിൽ സംഘടിപ്പിച്ച 'കരുതലിന്റെ കരങ്ങൾ - ബേസിക് ലൈഫ് സപ്പോർട്ട് ട്രെയിനിങ് പ്രോഗ്രാം' 26/11/2022 ന് ഫാ എം സി പൗലോസ് (സിഇഒ) ന്റെ അദ്ധ്യക്ഷതയിൽ അമ്പലപ്പുഴ ഡി വൈ എസ് പി ബിജു വി നായർ ഉദ്ഘാടനം ചെയ്തു.

15(K) Bn NCC, തിരുവല്ലയിൽ നിന്നും NCC കേഡറ്റുകളെ പങ്കെടുപ്പിച്ചുകൊണ്ട് പരുമല ആശുപത്രി നടത്തിയ BLS ട്രെയിനിങ് പ്രോഗ്രാമിൽ അറുപതിലേറേ കേഡറ്റുകൾ പങ്കെടുത്തു. ക്രിറ്റിക്കൽ കെയർ വിഭാഗം മേധാവി ഡോ. സുജിത് എം തോമസ്, ഡോ ബാലു പി ആർ എസ് (സീനിയർ കൺസൾട്ടന്റ എമർജൻസി മെഡിസിൻ), ഡോ ആന്റണി കള്ളിയത് (കൺസൾട്ടന്റ ഇന്റെന്സിവിസ്റ്), ഡോ. അൻവർ എം അഹമ്മദ് (കൺസൾട്ടന്റ ഇന്റെന്സിവിസ്റ്), ഡോ അൻവർ എം വൈറമ്മദ് (കൺസൾട്ടന്റ ഇന്റെന്സിവിസ്റ്), ഡോ ഡേവിഡ് സുജിൻ (കൺസൾട്ടന്റ എമർജൻസി മെഡിസിൻ), ഡോ ആൽബിൻ എസ് പതാലിൽ എന്നിവർ ക്ലാസുകൾ നയിച്ചു.

ദക്ഷിണ കേരളത്തിലെ ഏറ്റവും വലുതും 36 ബെഡുകളും അതിനൂതനമായ ഐ.സി യുവും, ഓപ്പറേഷൻ തീയേറ്റർ 24 x 7 എമർജൻസി കൺസൾട്ടന്റ് സൗകര്യങ്ങളുമുള്ള പരുമല എമർജൻസി മെഡിസിൻ & ട്രോമാ കെയർ സെന്റർ പ്രീ ഹോസ്പിറ്റലൈസേഷൻ കെയർ ഉറപ്പുവരുത്തുന്നതിനായി നടത്തുന്ന ശ്രമങ്ങളുടെ ഭാഗമായാണ് സൗജന്യ BLS ട്രെയിനിങ്ങുകൾ നടത്തിവരുന്നത്.

Basic Life Support Training For Critical Care Unit, Ambulance Drivers, Asha Workers

പരുമല ആശുപത്രിയിലെ എമർജൻസി മെഡിസിൻ ധിപ്പാർട്മെന്റിന്റെയും ക്രിറ്റിക്കൽ കെയർ ധിപ്പാർട്മെന്റിന്റെയും ആഭിമുഖ്യത്തിൽ സംഘടിപ്പിച്ച 'കരുതലിന്റെ കരങ്ങൾ - ബേസിക് ലൈഫ് സപ്പോർട്ട് ട്രെയിനിങ് പ്രോഗ്രാം' 15/10/22 ന് ഫാ എം സി പൗലോസ് (സിഇഒ) ന്റെ അദ്ധ്യക്ഷതയിൽ കാർഡിയോളജി വിഭാഗം മേധാവി ഡോ. മഹേഷ് നളിൻ കുമാർ ഉത്ഘാടനം ചെയ്തു.

അമ്പതിലേറെ വ്യക്തികൾ പങ്കെടുത്ത ഈ ബി എൽ എസ് പ്രോഗ്രാമിൽ ക്രിറ്റിക്കൽ കെയർ വിഭാഗം മേധാവിഡോ. സുജിത് എം തോമസ് , ഡോ ബാലു പി ആർ എസ് (സിനിയർ കൺസൾട്ടന്റ എമർജൻസി), ഡോ ആന്റണി കള്ളിയത് ക്രൺസൾട്ടന്റ ഇന്റെന്സിവിസ്റ്) എന്നിവർ ക്ലാസുകൾ നയിച്ചു.

ആരോഗ്യ മേഖലയുമായി ബന്ധപ്പെട്ട് പ്രവർത്തിക്കുന്ന ആംബുലൻസ് ഡ്രൈവർമാർ, ആശ വർക്കർമാർ, സന്നദ്ധ സംഘടന പ്രവർത്തകർ, എൻ സി സി കെടറ്റുമാർ തുടങ്ങിയവരെ ചേർത്ത് നടത്തുന്ന പദ്ധതിയാണ് ഇത്. അത്യാഹിതം നടന്നു കഴിഞ്ഞുള്ള ആദ്യ നിമിഷങ്ങളിൽ (Golden Hours) ലഭിക്ന്ന പരിരക്ഷ ഏറ്റവും മികച്ചതാക്കാൻ ഇത്തരത്തിലുള്ള ബി എൽ എസ് ട്രൈനിങ്ങിലൂടെ സാധിക്കുമെന്നും അതിലൂടെ മരണ നിരക്ക് വളരെ അധികം കുറക്കുമെന്നും ക്രിറ്റിക്കൽ കെയർ മേധാവി ഡോ. സുജിത് എം തോമസ് അഭിപ്രായപെട്ടു.

ദക്ഷിണ കേരളത്തിലെ ഏറ്റവും വലുതും 36 ബെഡുകളും അതിനൂതനമായ ഐ.സി യുവും, ഓപ്പറേഷൻ തീയേറ്റർ സൗകര്യങ്ങളുമുള്ള പരുമല എമർജൻസി മെഡിസിൻ & ട്രോമാ കെയർ സെന്റർ എല്ലാവിധ ട്രൊമാ കേസുകൾക്കും സഞ്ജമാണ്.









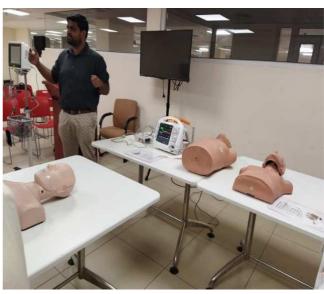


















		ANCE LIST TRAININ	10000	
	UE: B1, Staff Dining, North B		DATE: 28/10/2022	TIME: LOGORA
Sub:	Orientation & Indu	Ben for Non staff	Trainer:-	
No	NAME	DESIGNATION	DEPARTMENT	SIGNATURE
1	RANI JOSE	PHARMACIST	PHARMACY	Rami
2.	APARNA ANAND	PHARMACIST Staff	PHARMACY	dana
3	Jincy Ann John	Staff Nusse	Staff Nusse	Liny
4.	Renu.s	State Nouse	Nurse.	Renell.
5.	Ancha K. Babu	Staff Nurse	Nuise	Achy
6	Haripriya HS	Staff Nurse	(Nursing)	Rue n
7	Tabinul Vargher	Staff Nuise	Nun	gill
8	LITTY VARGHESE	STAFF NURSE	NURSE	-hetty.
4.	Elezebeth Oommen	STAFF NURSE	NURSE	200
10	Kessiya Mary Varishese	Staff Nunse	Nurse	Kersina
11-	RAKHI RAJENDRAN.	STAFF NURSE	LURSING.	1 Sha
12	Alfiga Timaid.	Pharmaist	Tharmacy.	Action
13.	Sworthy Das-L	Pharmacist	Phainacy -	Soith.
14.	LIGIL AKSA GEORGE	PHARMAUST	PHARMACY	Capo
5	HANNAH JOSEPH	PHARMACIST	PHARMACY.	Hannah
6.	ANTANA . C. BARD	PHARMACUST	PHARMACH	Lalane
7	SREEKANTH C	STORE KEEPER	GENERAL	SHIH
18	Chinchu Renesh	MICROBIOLOGIST	MICROBIOLOGY	Ching
9	Amhily Jawah	HICROBIOLOGIST	Laboratory	Lowy
00	Mercena George	MICKOBIOLOGET	MICKOBIOLOGY	New
21	Surety Elizabeth July	Staff Nuxe	Sa	State





	711 TEIVE	PANCE LIST TRAINI	NG PROGRAMME	Ĭ .
VEN	UE: B1, Staff Dining, North I	DATE: 28/10/27.	TIME: /0.009/	
Sub:	Onenlabion & Indue	Trainer:-		
No	NAME	DESIGNATION	DEPARTMENT	SIGNATURE
22	Vishrupriya. S	Staff Nun	Nuing	Willing
રેક .	Timey Jose	Staff Nume	Nussing	₾.
24	LIJA RAJAN	Staff Muse	Nexsing	Lyp
25	PREETHA-U PILLAI	The second secon	pharmacy	(Dens:
	× *	nerala	0 .	
				1
-	*			4
_				

HAPPY



VEN	IUE: B1, Staff Dining, North	Block	DATE: 16 00 200	TIME: 10.00 A
Sub	New Joining S	staff	Trainer:-	
No	NAME	DESIGNATION	DEPARTMENT	SIGNATURE
ŀ	Solini mol K. S.	Staff Nurse	Nursing	Audro
2.	Sherin Elza	Staff Nurse	Nursing	A CONTRACTOR OF THE PARTY OF TH
3.	SHIJI MARY BIJU	STAFF NURSE	NURSINIA	Shipe
4.	Neha dan Benny	Staff Nurse	Nassing	Nels
5.	Simi Philip	Stay Nurse	Numba	2 min
6.	Nethumof.P	staff Nusse	Nussina	· O.R.
7.	Joine VACHESE		NURSING	Luice
8.	Divyamol. R	STAPP NUISC	Murasiny	
7	Ámitha Robin	Staff Nurse		Anothe
10	Reacika. 8	Stall Nouse	Luesing	There of
lı	Tency Saza Thomas	, XV	Nusing	They .
12	Rosely Eapen	Staff Nurse	Nursing	Posely
13-	Anjer Aneyan	Staff Nuxe	Nuxing	Roger.
4	Aswathi.s	Stayt nlusse	Nussing	A Sollins
5.	Suchithia. J	Statt Nuse	Neuma	Ane
6	Sanjumol.p.k	staff Nuese	Nussing	Sazi
	-		N. Car	
٠	4			8





TENI	JE: B1, Staff Dining, North B	g programme date: ३०/५/२०२३	TIME: 10:451	
	Oninahus & Indeas		Trainer:-	
1		DESIGNATION	DEPARTMENT	SIGNATURE
No	Shout Pillar	Staff Nurie	Nowing	Stoubi
0		Staff alurse		Vielhan
_	VIDYA · A · D	Staff Name	Nusing	Dyilo
3.	Achila Gopi	Glaff Nouse	Norsing	
5.	Angalis Omanaku	In afall Alus		and .
-		Receptionst	Fe	Rosles
<u>6</u> 1	Roshin Mathew	Radiographer	Radiology	
8	Reshmi Ray. S Mini Marianma Vang		1 00	Mini
			Nursing	Akhila
9		Staff nurse Semetary	Emergenty	priny.
1	o. Princy Reji	Secretary	Caroliology	Alhulyas
1		- 0	1	Jemi
	2 Jemi . C. Mastro		11	SD II
1.	3 Shiji Maniam Van	101 11 11	-	New
11	4: And Kunjootty			Sidiale
15	Suru Bara Idicula		0.1.1	geng
10	. Leina Revarghese	Guest Relation Exe	- Alleria	(B. 31ba
	T. One Troube	0.05-1		S. De
	Snaha Mary Raju		-	fruit
	9 Jiny Song Kursian		1	Nisha
-	20 NISHA-V-CHERIAN 21. Manu Elsa Mat	HOW COM NURS	1,00	refaul.

HAPPY



_	ATTEND	ANCE LIST TRAINI	NG PROGRAMME	
VEN	UE: B1, Staff Dining, North E	DATE: 30/01/2023	TIME: 10.00	
Sub:	- Onentabon 8 Indush	Trainer:-		
No	NAME	DESIGNATION	DEPARTMENT	SIGNATURE
22	Gray Alexander	Staff Nusse	Nussina	Gray
			Bill Audelia	lys
24	SIGY ASI	Staffourse	nursing	Simple
25	BLESSY JOHN	STAFF NURSE	NURSING	should
26	Dr. Johney Musiam John	clinical Pharma	ist Chinical Pharma	& Shry
۵ ٦.	Nikhila Elsa George	Staff Nurse	Nursing.	Hickory
28	RINGY RAJU	STAFF NURSE	NURSING	Kiny
29	RINCY . K . CLARANCE	staff Nurse	Nursing	Rhy
30	ARYA ·S	Phamacest	Phamacy	Bergy
31-	JINSA CHACKO	PHARMACUT	PHARMACY	Ain
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Annexure-VII -Socio-Economic Activity(CSR)

The hospital is undertaking various ESC activities for improving the socio-economic conditions of society. And these activities are carried out as per the direction of the local village and administration. Free medical check-up camps, free laboratory services, and free medicines of Rs.4,38,90,063.00/- were provided annually. The details of free treatment services from 01.04.2022 to 31.03.2023 are mentioned in (Fig.1 –Fig.7).

1.Medical Camp at Chennithala

The medical camp was conducted at Chennithala in association with OCYM Chennithala Unit. The camp was led by Dr. Dini from the Ophthalmology department, Dr. Arun Anna Emergency department, Dr. Robbyfrom the General Medicine department, dialysis students / Nursing Department / Refractionist / Eye clinic, etc. Around 59 patients attended the camp.









Fig.1.Medical Camp at Cheriyanadin Association with BodhanaSamathi

2. Medical Camp at Pallipad in Association with Oormmakkottam

Dr. Joseph Cherian from the Oncology department, Dr. Avin from the Emergency Department, Dr. Shafeer, Dr. Aswathyfromthe General Surgery department, the Nursing department, and Dialysis Students. Around 84 patients attended the camp.











Fig.2. Medical Camp at Pallipad in Association with Oormmakkottam

3. Medical Camp at Kadampanadin Association with MGOCSM, Kadampanad, Adoor.

Dr. Merlin from the Pediatrics department, Dr. Brit from the Cardiology department, Emergency department, Dr. Joseph / Dr. Anand from the Oncology department, Femin, Keerthi, Abhiramifrom the Nursing department, and Dialysis Students, lead the camp at Pallipad. Around 58 patients attended the camp.









Fig:3. Medical Camp at Kadampanadin Association with MGOCSM, Kadampanad, Adoor.

4. Medical camp at Cherianad

Dr. Dini from the Opthal department Dr. Brit Cardiology department Emergency department Dr. Joseph / Dr. Anand from the Oncology department, Dialysis Students / Nursing Department / Refractionist / ECG/ Eye store around 45 patientsattended thecamp.







Fig:4. Medical camp at Cherianad

5. Medical Camp Report – Mallappally

Dr. Minu from the Opthaldepartment, Dr. Dona Dental department, and Nursing department Dialysis Studentslead the Medical Camp at Mallappally. Around 346 Students attended thecamp.





St.Gregorious Mission Hospit	al
Free Treatment 01-04-2022 To 31-	03-2023
Description	Amount
FREE & CONCESSION - LAB & SERVICES	17,91,293.07
FREE & CONCESSION - IN PATIENTS	52,66,494.74
FREE & CONCESSION- OUT PATIENTS	6,63,788.75
FREE HEALTH CECK UP	83,704.97
FREETREATMENT SNEHASPARSHAM SCHEME	7,13,777.01
CANCER PREVILAGE SCHEME	1,30,36,307.32
FREE TREATMENT EXPENSES - GENERAL	9,61,877.24
FREE & CONCESSION - PHARMACY	2,13,72,819.90
	4,38,90,063.00

 $Fig. 6.\ Description\ about\ free\ treatment\ from 01.04.2022\ to\ 31.03.2023$

Fig: 7. Ledger for amount utilized during 28.03.23 to31.3.23

Pathanamthitta

Branch: .St.GREGORIOUSMISSION HOSPITAL

Date	Doc.	Vou No.	Description	Debit (Rs.)	Credit (Rs.)	Cum. Balance (Rs.)
REE &	CONCESS	ION-PH				
H			GENERAL PHARMACY Sales return Discount OP on 28/03/2023			
28-03-20	023 JP-PBP	6555	To JOURNAL-POSTING OP PHARMACY Sales Discount OP on 28/03/2023	849.09		21149841.60Dr.
29-03-20	23 JP-IPP	6574	To JOURNAL-POSTING	30235.49		21180077.09Dr.
LJ 03 LC	25 31 111	03/1	CHEMO PHARMACY Sales(Discharge) Discount IP on 29/03/2023	30233.43		21100077.0301.
29-03-20	23 JP-PBP	6576	To JOURNAL-POSTING CHEMO PHARMACY Sales Discount OP on 29/03/2023	46162.36		21226239.45Dr.
29-03-20	23 JP-PBP	6576	To JOURNAL-POSTING	7676.52		21233915.97Dr.
			GENERAL PHARMACY Sales Discount OP on 29/03/2023	7676.32		21233313.3701.
29-03-20)23 JP-PBP	6576	To JOURNAL-POSTING OP PHARMACY Sales Discount OP on 29/03/2023	1254.55		21235170.52Dr.
30-03-20	23 JP-IPP	6595	To JOURNAL-POSTING CHEMO PHARMACY Sales(Discharge) Discount IP on	4599.74		21239770.26Dr.
30-03-20	23 JP-PBP	6587	30/03/2023 To JOURNAL-POSTING	482.47		21240252.73Dr.
30-03-20	23 JP-PBP	6587	OP PHARMACY Sales Discount OP on 30/03/2023 TO JOURNAL-POSTING GENERAL PHARMACY Sales Discount OP on	11307.28		21251560.01Dr.
			30/03/2023			
30-03-20	23 JP-PBP	6587	To JOURNAL-POSTING CHEMO PHARMACY Sales Discount OP on 30/03/2023	60148.80		21311708.81Dr.
30-03-20	23 JP-PBP	6587	To JOURNAL-POSTING B1 PHARMACY Sales Discount OP on 30/03/2023	510.14		21312218.95Dr.
31-03-20	23 JP-IPP	6597	To JOURNAL-POSTING	1785.96		2424424
			CHEMO PHARMACY Sales(Discharge) Discount IP on 31/03/2023	1765.96		21314004.91Dr.
31-03-20	23 JP-PBP	6599	To JOURNAL-POSTING B1 PHARMACY Sales Discount OP on 31/03/2023	1218.58		21315223.49Dr.
31-03-202	23 JP-PBP	6599	To JOURNAL-POSTING	44928.46		21360151.95Dr.
31-03-202	23 JP-PBP	6599	CHEMO PHARMACY Sales Discount OP on 31/03/2023 By JOURNAL-POSTING		1674.73	21358477.22Dr.
			CHEMO PHARMACY Sales return Discount OP on 31/03/2023			
31-03-202	23 JP-PBP	6599	To JOURNAL-POSTING GENERAL PHARMACY Sales Discount OP on	14197.36		21372674.58Dr.
1-03-202	23 JP-PBP	6599	31/03/2023 By JOURNAL-POSTING		73.13	21372601.45Dr.
			GENERAL PHARMACY Sales return Discount OP on 31/03/2023		·	
s1-03-202	3 JP-PBP		To JOURNAL-POSTING OP PHARMACY Sales Discount OP on 31/03/2023	218.45		21372819.90Dr.
			Monthly Total :	1,979,597.66	22,639.15	
			Period Total :	21,723,018.93	350,199.03	21,372,819 90Dr.
			Grand Total :	21,723,018.93	350 400 00	21,372,819.90Dr.

Pathanamthitta

Branch: .St.GREGORIOUSMISSION HOSPITAL

Ledger For The Period 01-04-2022 To 31-03-2023 Page No. 1/80 Debit Cum. Balance Credit Doc. Vou No. Description (Rs.) (Rs.) (Rs.) FREE & CONCESSION-PH 01-04-2022 JP-IPP 19 To JOURNAL-POSTING 6604.91Dr. 6604.91 CHEMO PHARMACY Sales(Discharge) Discount IP on 01/04/2022 01-04-2022 JP-IPP 19 To JOURNAL-POSTING 840.91 7445.82Dr. CHEMO PHARMACY Sales(Discharge) Discount IP on 01/04/2022 01-04-2022 JP-PB 76 To JOURNAL-POSTING 483.85 7929.67Dr. OP PHARMACY Sales Discount OP on 01/04/2022 01-04-2022 JP-PB 76 To JOURNAL-POSTING 4453,79 12383.46Dr. GENERAL PHARMACY Sales Discount OP on 01/04/2022 76 To JOURNAL-POSTING 01-04-2022 JP-PB 37603.94 49987,40Dr. CHEMO PHARMACY Sales Discount OP on 01/04/2022 02-04-2022 JP-PB To JOURNAL-POSTING 1549.21 51536.61Dr. OP PHARMACY Sales Discount OP on 02/04/2022 02-04-2022 JP-PB 88 To JOURNAL-POSTING 12283.43 63820.04Dr. GENERAL PHARMACY Sales Discount OP on 02/04/2022 02-04-2022 JP-PB To JOURNAL-POSTING 27694.65 91514.69Dr. CHEMO PHARMACY Sales Discount OP on 02/04/2022 To JOURNAL-POSTING 03-04-2022 JP-IPP 716.05 92230.74Dr. OP PHARMACY Sales(Discharge) Discount IP on 03/04/2022 03-04-2022 JP-PB 344 To JOURNAL-POSTING 716.05 92946.79Dr. OP PHARMACY Sales Discount OP on 03/04/2022 04-04-2022 JP-PB To JOURNAL-POSTING 547.03 93493.82Dr. OP PHARMACY Sales Discount OP on 04/04/2022 04-04-2022 JP-PB By JOURNAL-POSTING 93325.65Dr. 346 168.17 OP PHARMACY Sales return Discount OP on 04/04/2022 04-04-2022 JP-PB To JOURNAL-POSTING 102244.77 195570.42Dr. CHEMO PHARMACY Sales Discount OP on 04/04/2022 By JOURNAL-POSTING 04-04-2022 JP-PB 195519.99Dr. 50.43 CHEMO PHARMACY Sales return Discount OP on 04/04/2022 04-04-2022 JP-PB 346 To JOURNAL-POSTING 7393.19 202913.18Dr. GENERAL PHARMACY Sales Discount OP on 04/04/2022 05-04-2022 JP-IPP To JOURNAL-POSTING 7166.45 210079.63Dr. CHEMO PHARMACY Sales(Discharge) Discount IP on 05/04/2022 05-04-2022 JP-PB 360 By JOURNAL-POSTING 9.18 210070.45Dr. OP PHARMACY Sales return Discount OP on

1509.34

211579.79Dr.

22-05-2023 9:54AM

05-04-2022 JP-PB

05/04/2022

360

To JOURNAL-POSTING

OP PHARMACY Sales Discount OP on 05/04/2022

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Branch: .St.GREGORIOUSMISSION HOSPITAL

Leager	ror the P	eriod 01	-04-2022 To 31-03-2023		Page No.	1/9
Date	Doc.	Vou No.	Description	Debit (Rs.)	Credit (Rs.)	Cum. Balance (Rs.)
FREE H	EALTH CE	CK UP				
14-06-2	022 JP-LB	997	To JOURNAL-POSTING	100.00		100.00Dr.
			General Billing Credit Bill for 'SUMESH KUMAR G(LB037846) 'Dated 14/06/2022			
15-06-2	022 JP-LB	1010	To JOURNAL-POSTING	100.00		200.00Dr.
15-06-2	022 JP-LB	1010	General Billing Credit Bill for ' PRAVEEN KUMAR (BLOOD DONOR)(LB038288) ' Dated 15/06/2022 To JOURNAL-POSTING	100.00		300.00Dr.
			General Billing Credit Bill for 'HARIKRISHNAN M			
15-06-2	022 JP-LB	1010	(BLOOD DONOR)(LB038314) ' Dated 15/06/2022 To JOURNAL-POSTING	100.00		400.00Dr.
			General Billing Credit Bill for 'SREEJITH KUMAR (BLOOD DONOR)(LB038316) 'Dated 15/06/2022			
16-06-2	022 JP-LB	1037	To JOURNAL-POSTING General Billing Credit Bill for 'SIBY JOHN(LB038598)	100.00		500.00Dr.
17.06.2	022 JP-LB	1038	Dated 16/06/2022 To JOURNAL-POSTING	100.00		600.00Dr.
17-00-2	022 JP-LB	1036	General Billing Credit Bill for 'RAJESH B (BLOOD	100.00		600.0007.
23-06-2	022 JP-LB	1093	DONOR)(LB039493)	100.00		700.00Dr.
			General Billing Credit Bill for 'SUJITH XAVIER (BLOOD DONOR)(LB042966) 'Dated 23/06/2022			
28-06-2	022 JP-LB	1151	To JOURNAL-POSTING	100.00		800.00Dr.
20.06.2	022 JP-LB	1162	General Billing Credit Bill for ' PRAGNESH P (DONOR)(LB045248) ' Dated 28/06/2022 To JOURNAL-POSTING	100.00		900.00Dr.
30-00-2	022 JF-LD	1102	General Billing Credit Bill for 'ANEESH KUMAR (BLOOD DONATOR)(LB046700) 'Dated 30/06/2022	100.00		300.0001.
47.44.3	033 3D OD	2204	Monthly Total :	900.00		1000 000-
1/-11-2	022 JP-OP	3384	To JOURNAL-POSTING OP Receipt Credit Bill for ' BEHANAN MATHEW (OP	100.00		1000.00Dr.
			153807) Dated 17/11/2022			
18-11-2	022 JP-OP	3385	To JOURNAL-POSTING	100.00		1100.00Dr.
			OP Receipt Credit Bill for ' JOSEPH N F (OP 154364) ' Dated 18/11/2022			
			Monthly Total :	200.00		
10-12-2	022 JP-OP	3636	To JOURNAL-POSTING OP Receipt Credit Bill for 'JINCY SAM (OP 171020) '	130.00		1230.00Dr.
			Dated 10/12/2022			
			Monthly Total:	130.00		
08-03-2	023 JP-LB	6242	To JOURNAL-POSTING General Billing Credit Bill for ' JESSY	500.00		1730.00Dr.
08-03-2	023 JP-LB	6242	JOBICHAN(LB180755) ' Dated 08/03/2023 To JOURNAL-POSTING	500.00		2230.00Dr.
U8_U3_2	023 JP-LB	6242	General Billing Credit Bill for ' SARASAMMA(LB180756) ' Dated 08/03/2023 To JOURNAL-POSTING	500.00		2730.00Dr.
30-03-2	- N-LD	0272	General Billing Credit Bill for 'SHINY P.S(LB180757)	300.00		2730.0001
08-03-2	023 JP-LB	6242	' Dated 08/03/2023 To JOURNAL-POSTING	500.00		3230.00Dr.

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			-04-2022 To 31-03-2023	n.ts		1/35
Date	Doc.	Vou No.	Description	Debit (Rs.)	Credit (Rs.)	Cum. Balance (Rs.)
FREETRE	EATMENT	EXPENS	SES			
01-04-20	22 JG	2198	To UNITED INDIA VIDAL TPA Being the discount given to Vidal as per the MOU	76732.24		76732.24Dr.
04-04-20	22 CASH	14	To CASH-IN-HAND CEO Discount-58039022, Saramma John	5000.00		81732.24Dr.
04-04-20	22 CASH	18	To CASH-IN-HAND procedure refund	1110.00		82842.24Dr.
06-04-20	22 CASH	30	To CASH-IN-HAND	2245.00		85087.24Dr.
09-04-20	22 CASH	55	CEO Discount-57455422 To CASH-IN-HAND	50.00		85137.24Dr.
13-04-20	22 JG	59	M.M.Jose-58179622 To NEW INDIA ASSURANCE MEDI ASSIST TPA ROUND OF DIFF ADJUSTMENT: K S MATHEW TOTAL(150000, CLAIMED 129998) ADV :20,000/- 2	2.00		85139.24Dr.
13-04-20	22 CASH	78	RS HOSPITAL DISC To CASH-IN-HAND	4900.00		90039.24Dr.
14-04-20	22 CASH	81	Physiotherapy Free To CASH-IN-HAND	2553.00		92592.24Dr.
19-04-20	22 CASH	105	CEO Discount-57455422 To CASH-IN-HAND	200.00		92792.24Dr.
19-04-20	22 CASH	106	C/O Operation Manager-58272022 To CASH-IN-HAND	1972.00		94764.24Dr.
19-04-20	22 CASH	109	CEO Discount-52631320 To CASH-IN-HAND	666.00		95430.24Dr.
20-04-20	22 CASH	117	B/No.11862, C/o,Operation Manager To CASH-IN-HAND	569.00		95999.24Dr.
21-04-20	22 CASH	196	B/No.12348, C/O PRO To CASH-IN-HAND	97.00		96096.24Dr.
25-04-20	22 PETT	377	To PETTY CASH	10000.00		106096.24Dr.
25-04-20	22 CASH	146	AMOUNT REFUNDED TO ABRAHAM JACOB JOY To CASH-IN-HAND	50.00		106146.24Dr.
26-04-20	22 PETT	378	B/No.58324622 To PETTY CASH	2000.00		108146.24Dr.
26-04-20	22 CASH	157	AMOUNT REFUNDED TO ABRAHAM JACOB JOY To CASH-IN-HAND	1990.00		110136.24Dr.
27-04-20	22 CASH	163	chemo charges refund To CASH-IN-HAND	622.00		110758.24Dr.
27-04-20	22 CASH	166	B/No.16891, Asha Geevarghese To CASH-IN-HAND	50.00		110808.24Dr.
28-04-20	22 CASH	173	proceedure refund To CASH-IN-HAND	50.00		110858.24Dr.
28-04-20	22 CASH	174	B/No.9775, Asha Geevarghese To CASH-IN-HAND	1981.00		112839.24Dr.
30-04-20	22 J G	773	CEO Discount-26512 To BLACKTULIP KARUNYA PROJECT	9000.00		121839.24Dr.
			AMT TRFD Monthly Total:	121,839.24		

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Ledger For The Period 01-04-2022 To 31-03-2023 Page No. Cum. Balance Debit Doc. Vou No. Description Credit (Rs.) (Rs.) (Rs.) FREETREATMENT SNEHASPARSHAM 02-04-2022 JG 5000.00 5000.00Dr. 84 To FREE & CONCESSION-IP SARAMMA VARGHESE 07-04-2022 JP-PB 380 To JOURNAL-POSTING 1369.31 6369,31Dr. CHEMO PHARMACY Credit Bill for ' SOSAMMA SOMAN (PH 000032) ' Dated 07/04/2022 07-04-2022 JP-PB 380 To JOURNAL-POSTING 1065.60 7434.91Dr. CHEMO PHARMACY Credit Bill for 'SOSAMMA SOMAN (PH 000031) ' Dated 07/04/2022 12-04-2022 JG To FREE & CONCESSION-IP 87 14278.00 21712.91Dr. MARIAMMA ALEXANDER 14-04-2022 JG 10000.00 To FREE & CONCESSION-IP 31712.91Dr. JESSY JAMES 19-04-2022 JP-PB To JOURNAL-POSTING 1601.01 33313.92Dr. GENERAL PHARMACY Credit Bill for 'DAISY (AYUSH) (PH 000097) ' Dated 19/04/2022 28-04-2022 JG 135 To FREE & CONCESSION-IP 5000.00 38313.92Dr. MONI KURIAN 30-04-2022 JG 2175 To IP EXTRA DISCOUNT ALLOWED (ON-LINE) 354075.00 392388,92Dr. BEING AMOUNT TRANSFERED TO SNEHASPARSHAM Monthly Total: 392,388.92 02-05-2022 JG 301 To FREE & CONCESSION-IP 10000.00 402388,92Dr. REMYA AJITH To FREE & CONCESSION-GR 412388,92Dr. 06-05-2022 JG 10000.00 331 MINI SAMUEL-58196622 11-05-2022 JG 422388,92Dr. 332 To FREE & CONCESSION-GB 10000.00 Saudamini Bijukumar 20-05-2022 JG 339 To FREE & CONCESSION-IP 89680.00 512068.92Dr. RAJESH N- 460301 20-05-2022 JG To FREE & CONCESSION-GB 1150.00 513218.92Dr. RAJESH N- 460301 20-05-2022 JG To FREE & CONCESSION-IP 5000.00 518218.92Dr. ABDUL SATHAR-459071 21-05-2022 JG 9589.00 527807.92Dr. 342 To FREE & CONCESSION-IP KEZIAH ANN CHARLY 23-05-2022 JP-PB 765 To JOURNAL-POSTING 1601.05 529408.97Dr. GENERAL PHARMACY Credit Bill for 'DAISY (AYUSH) (PH 000284) Dated 23/05/2022 25-05-2022 JG 360 To FREE & CONCESSION-IP 11654.00 541062.97Dr. ABRAHAM JACOB-SEM STAFF 27-05-2022 JG To FREE & CONCESSION-IP 5000.00 546062,97Dr. 368 ALEYAMMA PAPPACHEN To IP EXTRA DISCOUNT ALLOWED (ON-LINE) 31-05-2022 JG 623164.00 1169226,97Dr. 2176 BEING THE AMOUNT TRANSFERED TO SNEHASPARSHAM Monthly Total: 776,838.05 10-06-2022 JG To FREE & CONCESSION-IP 5586.00 1174812.97Dr.

saji geevarghese- 53631320

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Ledger	ror The P	eriod 01	-04-2022 To 31-03-2023		Page No.	1/ 238
Date	Doc.	Vou No.	Description	Debit (Rs.)	Credit (Rs.)	Cum. Balance (Rs.)
CANCER	R PRIVILA	AGE FREE	i .			
01-04-20	022 JP-LB	20	To JOURNAL-POSTING General Billing Credit Bill for 'VIJAYAKUMAR M	750.00		750.00Dr.
01-04-20	022 JP-LB	20	N(LB000012) Dated 01/04/2022 To JOURNAL-POSTING	500.00		1250.00Dr.
01-04-20	022 JP-OP	1	General Billing Credit Bill for ' PRIYA PRINCE(LB000138) ' Dated 01/04/2022 To JOURNAL-POSTING OP Receipt Credit Bill for ' PRIYA PRINCE (OP	100.00		1350.00Dr.
01-04-20	022 JP-PB	76	000120) ' Dated 01/04/2022 To JOURNAL-POSTING IP PHARMACY Credit Bill for ' VIJAYAKUMAR M N	279.91		1629.91Dr.
01-04-20	022 JP-PB	76	(PH 000001) ' Dated 01/04/2022 To JOURNAL-POSTING GENERAL PHARMACY Credit Bill for ' PRIYA PRINCE	136.52		1766.43Dr.
02-04-20	022 JP-LB	21	(PH 000002) ' Dated 01/04/2022 To JOURNAL-POSTING General Billing Credit Bill for ' GIFTY MARIAM	230.00		1996.43Dr.
02-04-20	022 JP-LB	21	ABRAHAM(LB000683) Dated 02/04/2022 To JOURNAL-POSTING	100.00		2096.43Dr.
02-04-20	022 JP-LB	21	General Billing Credit Bill for ' GIFTY MARIAM ABRAHAM(LB000684) ' Dated 02/04/2022 To JOURNAL-POSTING	600.00		2696.43Dr.
02-04-20	022 JP-LB	21	General Billing Credit Bill for ' BILITH B VARGHESE(LB000711) ' Dated 02/04/2022 To JOURNAL-POSTING	85.00		2781.43Dr.
02-04-20	022 JP-LB	21	General Billing Credit Bill for ' BILITH B VARGHESE(LB000720) ' Dated 02/04/2022 To JOURNAL-POSTING	250.00		3031.43Dr.
02-04-20	022 JP-OP	2	General Billing Credit Bill for ' BILITH B VARGHESE(LB000803) ' Dated 02/04/2022 To JOURNAL-POSTING	250.00		3281.43Dr.
02-04-20	022 JP-OP	2	OP Receipt Credit Bill for ' PRIYA PRINCE (OP 000692) ' Dated 02/04/2022 To JOURNAL-POSTING	250.00		3531.43Dr.
02-04-20	022 JP-OP	2	OP Receipt Credit Bill for ' BILITH B VARGHESE (OP 000762) ' Dated 02/04/2022 To JOURNAL-POSTING	150.00		3681.43Dr.
02-04-20	022 JP-PB	88	OP Receipt Credit Bill for ' BILITH B VARGHESE (OP 000870) ' Dated 02/04/2022 To JOURNAL-POSTING	1052.71		4734.14Dr.
02-04-20	022 JP-PB	88	GENERAL PHARMACY Credit Bill for ' P A AMMINIKUTTY (PH 000011) ' Dated 02/04/2022 To JOURNAL-POSTING	283.49		5017.63Dr.
02-04-20	022 JP-PB	88	GENERAL PHARMACY Credit Bill for ' MARYKUTTY JOHN (PH 000009) ' Dated 02/04/2022 To JOURNAL-POSTING	783.46		5801.09Dr.
02-04-20	022 JP-PB	88	GENERAL PHARMACY Credit Bill for ' BILITH B VARGHESE (PH 000008) ' Dated 02/04/2022 To JOURNAL-POSTING	252.33		6053.42Dr.

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Date	Doc.	Vou No.	Description	Debit (Rs.)	Credit (Rs.)	Cum. Balance (Rs.)
FREE &	CONCES	SION-IP				
01-04-20	022 JP-IPP	19	To JOURNAL-POSTING 'IP Nursing Care Discount on 01/04/2022 '	733.92		733.92Dr.
01-04-20	022 JP-IPP	19	To JOURNAL-POSTING	206.00		939.92Dr.
01-04-20	022 JP-PB	76	'IP Room Rent Discount on 01/04/2022 ' To JOURNAL-POSTING IP PHARMACY Sales Discount OP on 01/04/2022	14665.53		15605.45Dr.
02-04-20	022 JP-IPP	38	To JOURNAL-POSTING	356.00		15961.45Dr.
02-04-20	022 JP-IPP	38	'IP Service Discount on '02/04/2022' To JOURNAL-POSTING 'IP Facilitation Charges Discount on 02/04/2022'	50.00		16011.45Dr.
02-04-20	D22 JP-IPP	38	To JOURNAL-POSTING 'IP Doctor Care Discount on 02/04/2022 '	200.00		16211.45Dr.
02-04-20	022 JP-IPP	38	To JOURNAL-POSTING	200.00		16411.45Dr.
02-04-20	022 JP-IPP	38	'IP Nursing Care Discount on 02/04/2022 ' To JOURNAL-POSTING 'IP Room Rent Discount on 02/04/2022 '	100.00		16511.45Dr.
02-04-20	022 JG	84			5000.00	11511.45Dr.
02-04-20	022 JP-PB	88	To JOURNAL-POSTING	7218.24		18729.69Dr.
03-04-20	022 JP-IPP	39	IP PHARMACY Sales Discount OP on 02/04/2022 To JOURNAL-POSTING IP PHARMACY Sales(Discharge) Discount IP on	1203.04		19932.73Dr.
03-04-20	022 JP-PB	344	03/04/2022 To JOURNAL-POSTING	6015.20		25947.93Dr.
04-04-20	022 JP-IPP	40	IP PHARMACY Sales Discount OP on 03/04/2022 To JOURNAL-POSTING	5708.03		31655.96Dr.
04-04-20	022 JP-IPP	40	'IP Doctor Care Discount on 04/04/2022 ' To JOURNAL-POSTING IP PHARMACY Sales(Discharge) Discount IP on	1203.04		32859.00Dr.
04-04-20	022 JP-PB	346	04/04/2022 To JOURNAL-POSTING	18258.55		51117.55Dr.
05-04-20	022 JG	85			19186.00	31931.55Dr.
05-04-20	022 JP-PB	360	P V KURIAN To JOURNAL-POSTING	15639.52		47571.07Dr.
06-04-20	022 JP-IPP	42	IP PHARMACY Sales Discount OP on 05/04/2022 To JOURNAL-POSTING	4905.13		52476.20Dr.
06-04-20	022 JP-IPP	42	'IP Icu Charges Discount on 06/04/2022 ' To JOURNAL-POSTING	930.00		53406.20Dr.
06-04-20	D22 JP-IPP	42	'IP Ccu Charges Discount on 06/04/2022 ' To JOURNAL-POSTING	905.07		54311.27Dr.
06-04-20	022 JP-IPP	42	'IP Doctor Care Discount on 06/04/2022 ' To JOURNAL-POSTING	854.13		55165.40Dr.
06-04-20	022 JP-PB	375	'IP Room Rent Discount on 06/04/2022 ' To JOURNAL-POSTING	5041.22		60206.62Dr.
07-04-20	022 JP-IPP	43	IP PHARMACY Sales Discount OP on 06/04/2022 To JOURNAL-POSTING	1432.09		61638.71Dr.

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Ledger	For The P	eriod 01	-04-2022 To 31-03-2023		Page No.	1/23
Date	Doc.	Vou No.	Description	Debit (Rs.)	Credit (Rs.)	Cum. Balance (Rs.)
FREE &	CONCESS	SION-GB				
01-04-20	022 JP-LB	20	To JOURNAL-POSTING	1156.25		1156.25Dr.
02-04-20	022 JP-LB	21	General Billing OP Sales Discount on '01/04/2022' To JOURNAL-POSTING	687.50		1843.75Dr.
03-04-20	022 JP-LB	22	General Billing OP Sales Discount on '02/04/2022' To JOURNAL-POSTING	350.00		2193.75Dr.
04-04-20	022 JP-LB	23	General Billing OP Sales Discount on '03/04/2022' To JOURNAL-POSTING	608.75		2802.50Dr.
05-04-20	022 JP-LB	24	General Billing OP Sales Discount on '04/04/2022' To JOURNAL-POSTING	1205.00		4007.50Dr.
06-04-20	022 JP-LB	25	General Billing OP Sales Discount on '05/04/2022' To JOURNAL-POSTING General Billing OP Sales Discount on '06/04/2022'	2262,50		6270.00Dr.
07-04-20	022 JP-LB	26	To JOURNAL-POSTING	895.00		7165.00Dr.
08-04-20	022 JP-LB	27	General Billing OP Sales Discount on '07/04/2022' To JOURNAL-POSTING	960.00		8125.00Dr.
09-04-20	022 JP-LB	28	General Billing OP Sales Discount on '08/04/2022' To JOURNAL-POSTING	775.00		8900.00Dr.
10-04-20	022 JP-LB	29	General Billing OP Sales Discount on '09/04/2022' To JOURNAL-POSTING	350.00		9250.00Dr.
11-04-20	022 JP-LB	30	General Billing OP Sales Discount on '10/04/2022' To JOURNAL-POSTING	4350.00		13600.00Dr.
11-04-20	022 JP-LB	30	General Billing OP Sales Discount on '11/04/2022' By JOURNAL-POSTING		150.00	13450.00Dr.
11-04-20	022 JG	86	General Billing OP Sales Discount Refund on '11/04/2022' By MELAM CHARITY		2000.00	11450.00Dr.
		-	RAJAN P V			
12-04-20	022 JP-LB	31	To JOURNAL-POSTING	2557.50		14007.50Dr.
13-04-20	022 JP-LB	32	General Billing OP Sales Discount on '12/04/2022' To JOURNAL-POSTING	1666.25		15673.75Dr.
14-04-20	022 JP-LB	33	General Billing OP Sales Discount on '13/04/2022' To JOURNAL-POSTING	10137.50		25811.25Dr.
15-04-20	022 JP-LB	34	General Billing OP Sales Discount on '14/04/2022' To JOURNAL-POSTING	350.00		26161.25Dr.
16-04-20	022 JP-LB	35	General Billing OP Sales Discount on '15/04/2022' To JOURNAL-POSTING	490.00		26651.25Dr.
17-04-20	022 JP-LB	36	General Billing OP Sales Discount on '16/04/2022' To JOURNAL-POSTING	812.50		27463.75Dr.
18-04-20	022 JP-LB	37	General Billing OP Sales Discount on '17/04/2022' To JOURNAL-POSTING	1240.00		28703.75Dr.
19-04-20	022 JP-LB	57	General Billing OP Sales Discount on '18/04/2022' To JOURNAL-POSTING General Billing OP Sales Discount on '19/04/2022'	4066.25		32770.00Dr.
20-04-20	022 JP-LB	64	General Billing OP Sales Discount on '19/04/2022' To JOURNAL-POSTING	8317.50		41087.50Dr.
21-04-20	022 JP-LB	65	General Billing OP Sales Discount on '20/04/2022' To JOURNAL-POSTING	6055.00		47142.50Dr.

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Ledger For The Period 01-04-2022 To 31-03-2023						
Date	Doc.	Vou No.	Description	Debit (Rs.)	Credit (Rs.)	Cum. Balance (Rs.)
FREE &	CONCESS	SION-OP				
01-04-2	022 JP-OP	1	To JOURNAL-POSTING	525.00		525.00Dr.
			Sales Discount OP Receipt on 01/04/2022			
02-04-2	022 JP-OP	2	To JOURNAL-POSTING	575.00		1100.00Dr.
			Sales Discount OP Receipt on 02/04/2022			
04-04-2	022 JP-OP	4	To JOURNAL-POSTING	350.00		1450.00Dr.
05_04_2	022 JP-OP	5	Sales Discount OP Receipt on 04/04/2022 To JOURNAL-POSTING	312.50		1762,50Dr.
03-01-2	UZZ JF-OF	,	Sales Discount OP Receipt on 05/04/2022	312,30		1702.3001.
06-04-2	022 JP-OP	6	To JOURNAL-POSTING	300.00		2062,50Dr.
		_	Sales Discount OP Receipt on 06/04/2022			
07-04-2	022 JP-OP	7	To JOURNAL-POSTING	425.00		2487.50Dr.
			Sales Discount OP Receipt on 07/04/2022			
07-04-2	022 JP-OP	7	-1		125.00	2362.50Dr.
			OP Receipt Sales Return Discount OP on 07/04/2022			
08-04-2	022 JP-OP	8	To JOURNAL-POSTING	675.00		3037.50Dr.
00 01 2	OLL SI OI		Sales Discount OP Receipt on 08/04/2022	075100		3037130011
09-04-2	022 JP-OP	9	To JOURNAL-POSTING	175.00		3212.50Dr.
			Sales Discount OP Receipt on 09/04/2022			
10-04-2	022 JP-OP	10	To JOURNAL-POSTING	50.00		3262.50Dr.
			Sales Discount OP Receipt on 10/04/2022			
11-04-2	022 JP-OP	11	To JOURNAL-POSTING	650.00		3912.50Dr.
12.04.2	022 JP-OP	12	Sales Discount OP Receipt on 11/04/2022 To JOURNAL-POSTING	975.00		4887.50Dr.
12-04-2	022 JP-0P	12	Sales Discount OP Receipt on 12/04/2022	3/3.00		4007.3001.
13-04-2	022 JP-OP	13	To JOURNAL-POSTING	337.50		5225,00Dr.
			Sales Discount OP Receipt on 13/04/2022			
14-04-2	022 JP-OP	14	To JOURNAL-POSTING	75.00		5300.00Dr.
			Sales Discount OP Receipt on 14/04/2022			
16-04-2	022 JP-OP	16	To JOURNAL-POSTING	125.00		5425.00Dr.
			Sales Discount OP Receipt on 16/04/2022			
18-04-2	022 JP-OP	18	To JOURNAL-POSTING	625.00		6050.00Dr.
19_04_7	022 JP-OP	50	Sales Discount OP Receipt on 18/04/2022 To JOURNAL-POSTING	950.00		7000.00Dr.
13-01-2	022 JF-0F	30	Sales Discount OP Receipt on 19/04/2022	330.00		7000.00011
20-04-2	022 JP-OP	58	To JOURNAL-POSTING	575.00		7575.00Dr.
			Sales Discount OP Receipt on 20/04/2022			
21-04-2	022 JP-OP	59	To JOURNAL-POSTING	1000.00		8575.00Dr.
			Sales Discount OP Receipt on 21/04/2022			
22-04-2	022 JP-OP	60	To JOURNAL-POSTING	537.50		9112.50Dr.
			Sales Discount OP Receipt on 22/04/2022	475.00		0307 500
23-04-2	022 JP-OP	61	To JOURNAL-POSTING Sales Discount OP Receipt on 23/04/2022	175.00		9287.50Dr.
23-04-2	022 JP-OP	61	By JOURNAL-POSTING		50.00	9237.50Dr.
		-	OP Receipt Sales Return Discount OP on		30.00	227130011
			23/04/2022			
24-04-2	022 JP-OP	62	To JOURNAL-POSTING	50.00		9287.50Dr.

22-05-2023 9:53AM

Annexure-VIII Eco Friendly Measures

1.RainWaterHarvesting



2. Gardening with STPWaterUse





3. Other Initiatives







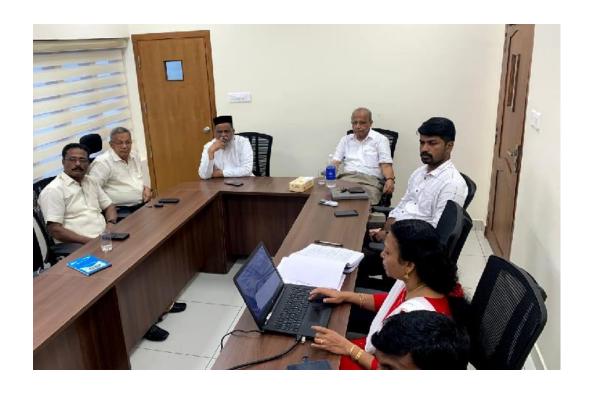


ANNEXURE-IX

ENVIRONMENT MANAGEMENT CELL

Environment management cell was constituted with aim of evaluating progress of MOEF remedial measures and guiding in implementing the activities suggested in the environmental clearance letter effectively. The committee headed by Fr. M. C. Paulose, CEO, St Gregorios International Cancer Care Centre, Parumala, Pathanamthitta District, it has eight members from various departments. The details of EMC members are given in Table no.1. Standard environmental and analytical laboratories, NABL accredited lab is also included as the hospital has no fully fledged NABL accredited air and water testing laboratory. After obtaining approval from the Panchayath authorities, the work to be carried out is discussed at EMC, and according to the minutes of the meeting and the citation, the work permit is granted to the relevant group. There are two meetings per month. (Fig:1)

SI NO.	Name	Designation	EMC
1	Fr. M. C. Paulose	CEO	Chairman
2	Er. Varkey John	Project Director	Vice Chairman
3	Mr. Mathew Oommen	Member	Vice Chairman
4	Mr. P. E. Yohannan	Member	Member
5	Dr. Reji P G	Environmental Scientist	Co-ordinator
6	Mr. Jaison V. John	Operation Manager	Member
7	Mr. Prasanth	Engineer	Member
8	Mr. Kevin	Internal Auditor	Member
Table	No-1.Details of members of EMC	,	,



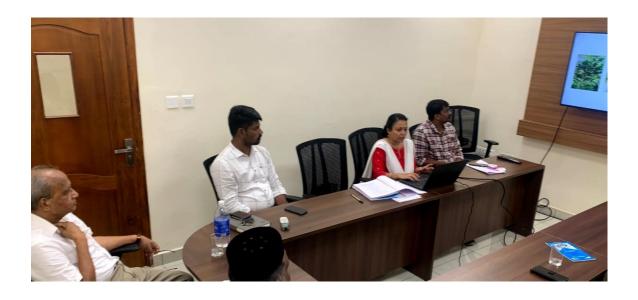


Fig: 1. Meeting carried out by Environment Management cell

INDIAN MEDICAL ASSOCIATION GOES ECO-FRIENDLY (IMAGE)



IMA State Headquarters, Anayara P.O., Thiruvananthapuram - 695029 Ph.0471-2742211,2741188 Mob: 9656993339 Email: imageimaksbtvm@gmail.com



CERTIFICATE OF AFFILIATION

No.IMAGE/ANC/65334/2021-2022

This is to certify that M/s. St.Gregorios Medical Mission, Parumala PO, Thiruvalla, Pathanamthitta, Kerala owned by Fr M C Poulose Chief Executive Officer, has been affiliated (PTA.0372) as "Hospitals (Modern Medicine) with 175 bed(s)" with IMAGE(the Common Biomedical Waste Treatment Facility) which is a project of Indian Medical Association Kerala State Branch with the authorisation of Kerala State Pollution Control Board vide its Consent No.PCB/HO/PLKD/ICO-R/04/2018 dated 06.09.2018. Valid upto 30.06.2023

IMAGE is collecting, transporting, treating, and disposing all the biomedical waste from this institution as per the Biomedical Waste Management Rules from 22-09-2017.

The Validity of this Certificate is only up to 31st March 2022



Dr. Sharafudheen K.P Secretary IMAGE, IMA KSB

ANNEXURE NO-XI- Form V-2019,20,21,22

Env	ironmental Aud	FORM (See ro it Report for the Finan	M – V ule 14) ncial year ending the 31	" March <u>2019</u> .	
			T _ A		
1.	Name & address of the owner/ occupier of the industry, operation or process. PART - A THE CHIEF EXECUTIVE OFF ST GREGORIOS MEDICAL MISSION PARUMALA P.O., PATHANAMTHO			DICAL MISSION HOSE PATHANAMTHITTA - E	
2.	Industry cates Code), Seconda	gory Primary (STC ary (STC Code)	RED		
3.	Production Ca	uction Capacity- Units			
4.	Year of establis	shment	S€P7 1978		
5.	Date of statement	last environmental	NA ·		
		PAF	RT – B		
1	Water Consum	nption m³/day process	102 1 1		
	Cooling			10 m3	
	Domestic			110 m³	
_		- 1		per unit of products	
	Name of Products		During the previous financial year (1)	During the current financial year (2)	
1.	Open	Well	40	10800 m3	
2.	101-	Well	NA	25200 m3	
2	10056	erial Consumption	Consumption of Raw Material Per unit of output		
	Name of Raw Materials	Name of Products	During the previous financial year	During the current financial year	
H	Diesel Generators		60,000. UN	72,000 HW	
	Micse.	Pollutio	RT – C n Generated fied in the consent issue	ed)	
-	Pollutants		Quantity of pollution generated	Percentage of variation from prescribed standards with	



a.			reasons	
	Water			
b.	Air			
	P. as specified under Hazardous Wast	ART – D es (Management & Hanc	iling) Rules, 1989]	
	Hazardous Wastes	Total Quantity		
		During the previous financial year	Ouring the current financial year	
n.	From Process	NA	21.72 -lon	
b.	From Pollution Control Facilities	NA	Nil	
		ART – E d Wastes		
-			Total Quantity	
		During the previous financial year	During the current financial year	
a	From process	NA.	103.53 dec	
b	From pollution control facility	MA		
c	Quantity recycled or re-utilized.	NA.	40.53-lor	
			40 33.70.	
hes		RT-F terms of concentration indicate disposal practi A AMPICE, Plantic Real of Scap ikms RT-G	a and quantum) of ce adopted for both Write Collected b Sell Though vend	
hes co.a	PA see specify the characteristics (in ardous as well as solid wastes and e categories of wastes. AND dispersed through Imi- lapse assume through PA act of pollution control measures equently on the cost of production.	RT - F terms of concentration indicate disposal praction in Impace, Planic Rect of Scrap ikms RT - G on conservation of na	and quantum) of ce adopted for both Soll Collected 6 Soll officigh vend tural resources and	

Aten

En		RM – V rule 14) ancial year ending the	31 st March <u>2020</u>
	PA	RT – A	
1.	Name & address of the owner occupier of the industry, operation or process.	Paremala P.O. The	Chief Executive Officer lical Mission Haptal invalle, PN 68962
2.	Industry category Primary (STC Code), Secondary (STC Code)	RED.	
3.	Production Capacity- Units	NA.	(·
4.	Year of establishment	1976.	4 - 4
5.	Date of last environmental statement		
	PAI	RT – B	
1	Water Consumption m ³ /day process	Barrier Commencer	
	Cooling		1 - 0
	Domestic		10 m3
	2 omestic		100 m3
	Name of Products	Water consumption per unit of products	
	Name of Products	During the previous financial year (1)	During the current financial year (2)
1.	Open weil	1320m3	1470m3
2.	Take well Raw Material Consumption	1980 m³	2430 m3
2	Raw Material Consumption	Consumption of Raw Material Per unit of output	
N	ame of Raw Materials Name of Products	During the previous financial year	During the current financial year
8	Deisel Generator	176525 (di	138826 /Ee.
		T – C Generated d in the consent issued	1)
	Pollutants	Quantity of pollution generated	Percentage of variation from prescribed standards with





			reasons
a.	Water		(F)
b.	Air		
	PA [as specified under Hazardous Waste Hazardous Wastes		
	Hazardous wastes	Total Quantity (in Kg)	
	en na	During the previous financial year	During the current financial year
a.	From Process	18,230 kg	21,800 kg
b.	From Pollution Control Facilities	18,230 kg Yes RT-E	Yes .
		RT – E d Wastes	
		Total Q	
		During the previous financial year	During the current financial year
a	From process	9,750 kg	10, 800 kg.
b	From pollution control facility	7	
c	Quantity recycled or re-utilized.		-
Haz	PA ase specify the characteristics (in zardous as well as solid wastes and se categories of wastes.	RT – F terms of concentration indicate disposal practi	n and quantum) of ice adopted for both
	12.5		
	PA pact of pollution control measures sequently on the cost of production.	RT – G on conservation of na	tural resources and
	*	(*)	
	PA ditional investment proposal for env collution.	RT – H vironmental protection	including abatement
		Protection) Rules, 1986 RT – I	× ×
		ellaneous	
Ar	ny other particulates in respect of environ	onment protection and aba	atement of pollution.

Delos

PATHAMAMINITIA TO PRO-039 C28

FORM - V (See rule 14) Environmental Audit Report for the Financial year ending the 31st March 2021 PART - A Name & address of the owner/ Fr. M. C. Poulose, Chief Executive -officer, St. Chegosias Medical Mission occupier of the industry, operation Hospital, Paramala P.O, Thismulla 689625 or process. Industry category Primary (STC RED Code), Secondary (STC Code) **Production Capacity- Units** MA Year of establishment 1976 Date of last environmental statement 2019-2020 PART-B Water Consumption m³/day process Cooling 10m3 Domestic 120 m3 Water consumption per unit of products Name of Products During the During the current previous financial financial year year (2) 1. 1470m3 Open well 2. Tube well 2900 m3 2430 00 2 **Raw Material Consumption** Consumption of Raw Material Per unit of output Name of Raw Name of Products During the **During the current** Materials previous financial financial year vear Crenerator Deisel 142795 (Ex. 1388201Ex PART - C **Pollution Generated** (Parameters as specified in the consent issued) Quantity of pollution Percentage of **Pollutants** generated variation from prescribed





			reasons
a.	Water		
b.	Air		
	PA as specified under Hazardous Waste	RT – D s (Management & Hand	lling) Rules, 1989]
	Hazardous Wastes	Total Quantity (in Kg)	
	0.39	During the previous financial year	During the current financial year
a.	From Process	21800Kg	23, 670 kg
b.	From Pollution Control Facilities	Yes	yes.
		RT – E d Wastes	
Total Quantity			
		During the previous financial year	During the current financial year
a	From process	10,800 kg	11, 800 kg
b	From pollution control facility	Yes	11, 800 kg
c	Quantity recycled or re-utilized.	72	,
Ha	PA case specify the characteristics (in zardous as well as solid wastes and ese categories of wastes.	ART - F terms of concentratio indicate disposal pract	n and quantum) of ice adopted for both
	The same of the sa		
Im	PA pact of pollution control measures asequently on the cost of production.	RT – G on conservation of na	atural resources and
	PA ditional investment proposal for en- pollution.		including abatemen
	PA	(Protection) Rules, 1986 ART – I	, g
	Miso any other particulates in respect of envir	cellaneous	

Ptho



FORM - V (See rule 14) Environmental Audit Report for the Financial year ending the 31st March 2022. PART - A Name & address of the owner/ R. M. C. Poaloie, Chief Exceedite offices occupier of the industry, operation & Gregorios Medical Mission Hospital Resumala P.D, Thiswalls PIN 689626 or process. Industry category Primary (STC RED Code), Secondary (STC Code) **Production Capacity- Units** 3. NA Year of establishment 1976 environmental 5. Date of last 2020 - 2021 statement PART-B Water Consumption m³/day process 10 m3 Cooling 125 m3 **Domestic** Water consumption per unit of products During the current Name of Products During the financial year previous financial year (2) (1) 1470 m3 1480m3 well Open 2900 m3 2000 m3 Take well. Consumption of Raw Material **Raw Material Consumption** Per unit of output During the **During the current** Name of Raw Name of Products previous financial financial year Materials year Generator. 91625 Ctr 14279566 Deisel PART - C **Pollution Generated** (Parameters as specified in the consent issued) Percentage of Quantity of pollution **Pollutants** generated variation from prescribed standards with



a.	Water		reasons	
b.	Air			
	PA [as specified under Hazardous Waste	ART – D es (Management & Hanc	dling) Rules, 1989]	
	Hazardous Wastes Total Quantity (in Kg)			
	133	During the previous financial year	During the current financial year	
a.	From Process	23,670 kg	24,750 to	
b.	From Pollution Control Facilities	Yes	24,750 to	
		RT – E d Wastes	,	
-		Total Quantity		
		During the previous financial year	During the current financial year	
a	From process	11,800kg	12,800 kg	
b	From pollution control facility		12000	
c	Quantity recycled or re-utilized.	eg .		
iaz	PA ise specify the characteristics (in ardous as well as solid wastes and in e categories of wastes.	RT – F terms of concentration indicate disposal practi	and quantum) of ce adopted for both	
mp	PAI act of pollution control measures sequently on the cost of production.	RT – G on conservation of nat	ural resources and	
dd f p	PAI itional investment proposal for envi ollution.	RT – H ironmental protection i	ncluding abatement	
	The Environment (F	Protection) Rules, 1986		

Oth

PAIRANA RIGHT PIR-689 626

ANNEXURE NO-XII

Advertisement of news in daily news papers like Malayala manorama, Mathrubhumi, and in Hindu regarding environmental clearance

നോട്ടീസ് പൊതു ജനശ്രദ്ധയ് ക്കായി. പൊതു ജനഗ്രദ്ധയ കടെയ്. കേരള സംസ്ഥാനം, പത്തനം തിട്ട ജില്ല, തിരുവല്ല താലൂക്ക്, കടപ്ര വില്ലേജിൽ 286/2, 286/3, 286/16 സർവ്വേനമ്പരുകളിൽ ഉൾപ്പെട്ട സ്ഥലത്ത് ആശു പത്രി കെട്ടിടനിർമ്മാണ പദ്ധ തിയ്ക്കായി സെര് ഗ്രിഗോറി യോസ് ജൻർത്തുക്കാൽ തിയ്ക്കായി സെന്റ ഗ്രിഗോവ യോസ് ഇന്റർനാഷണൽ ക്യാൻസർ കെയർ സെന്റർ സമർപ്പിച്ച അപേക്ഷയിൽ വേണ്ട പാരിസ്ഥിതിക അനു ത്തി (എൻവിയോൺമെന്റ് ജിയറൻസ്) നിബന്ധനക ജിടെ അടിസ്ഥാ നത്തിൽ കേന്ദ്ര വനം പരിസുവരു കേന്ദ്ര വനം-പരിസ്ഥിതി കാലാവസ്ഥാ വൃതിയാന കാലാവസ്ഥാ വൃത്വയാന മന്ത്രാലയത്തിൽനിന്നും 08-04 -2019-ൽ പുറപ്പെടുവിച്ച് ഉത്ത രവ് നമ്പർ 23-65/2018 IA-III പ്രകാരം ലഭിച്ചിരിക്കുന്നു. പാരിസ്ഥിതിക അനുമതി കത്തിന്റെയും നിബന്ധനകളുടെയും പകർപ്പ് സംസ്ഥാന മലിനീകരണ നിയത്രേ നിയത്രണ ബോർഡ്/കമ്മറ്റിയുടെ പക്കൽനിന്നോ, കേന്ദ്ര വനം-പരിസ്ഥിതി കാലാവസ്ഥാ വൃതിയാന മന്ത്രാലയത്തിന്റെ വെബ്സൈ റ്റിൽ (http://moef.nic.in) നിന്നോ ലഭ്യ മാണ്.

പുതിന്റ്വത് സംകൂരി

വോതു ജന്യശ്രദ്ധ ത് ക്കാ യി,
കേരു സംസ്ഥാനം, പത്തനം
തിട്ട ജില്ല, തിരുവല്ല താലുംക്,
കടുപ വില്ലെജിൽ 286 (2, 286 /3,
286 /8 സർവ്വേനസമുകളിൽ
ഉൾപ്പെട്ട സ്ഥലത്ത് ആശ്യ പത്രി കെട്ടിടനിർമ്മാണ പദ്ധ തിയ്ക്കായി സെറ്റ് (ഗിഗോറി യോസ് ഇന്റർനാ ഷ ണൽ കുറർസർ കെയർ സെറ്റർ സർപ്പിച്ച അപേഷ യിൽ വാണ്ട പാരിസ്ഥിതിക അനു മതി (എൻവിയോൺരെന്റ് റ്റിയറൻസ്) തിച്ചസ്ഥനം കുടെ അടിസ്ഥാ നത്തിൽ കേന്ദ്ര വനം -പരിസ്ഥിതി കാലാവസ്ഥാ വ്യതിയാന മായായത്തിൽനിന്നും രേ-വം പാല-യ്യത്തിൽനിന്നും വോട്ടം പ്രത്യേശ്യലെ വരുന്നു പാരിസ്ഥിതിക അനുമതി കത്തിന്റെലാ നിലാസനമ മലിനിക തെ നിയ ത്രണം ബോർഡ് /ക മറ്റിയുടെ പക്കൽനിന്നാം കേന്ദ്ര വനം-പരിസ്ഥിതി കാലാവസ്ഥാ വ്യതിയാന മന്ത്രാലായത്തിരു വ്യതിയാന മന്ത്രാലായത്തിരു വ്യതിയാന് മന്ത്രാലായത്തിരു പ്രത്രിന്നാം കേന്ദ്ര വനം-

PUBLIC NOTICE

PUBLIC NOTICE
ST. GREGORIOS
INTERNATIONAL CANCER
CARE CENTRE
This is to inform you that
Government of India, Ministry of
Environment, Forest and Climate
Change has accorded Environmental Clearance with specific
and general conditions to the
project "Expansion of existing
hospital project at Kadapra
Village, Pathanamthitta (Kerala)
by St. Gregorios International
Cancer Care Centre on
08.04.2019 under the provisions
of EIA Notifications, 2006 and
amendments/circular issued
thereon.
Copies of environmental
clearance letter along with
environment conditions are
available with Kerala Pollution
Control Committee (KPCC) and
may also be seen at website of the
may also be seen at website of the
Ministry of Environment, Forest
and Climate Change at
and Climate Change at
anttp://moef.nic.in

ANNEXURE NO-XII

Advertisement of news in daily news papers like Malayala manorama, Mathrubhumi, and in Hindu regarding environmental clearance

നോട്ടീസ് പൊതു ജനശ്രദ്ധ യ് ക്കാ യി കേരള സംസ്ഥാനം, പത്തനം കേരള സംസ്ഥാനം, പത്തനം തിട്ട ജില്ല. തിരുവല്ല താലൂക്ക്, കടപ്ര വില്ലേജിൽ 286/2, 286/3, 286/16 സർവ്വേനമ്പരുകളിൽ ഉൾപ്പെട്ട സ്ഥലത്ത് ആശു പതി കെട്ടിടനിർമ്മാണ പദ്ധ തിയ്ക്കായി സെന്റ് ഗ്രിഗോദി യോസ് ഇന്റർനാഷണൽ ക്യാൻസർ കെയർ സെന്റർ സമർപ്പിച്ച അപേക്ഷയിൽ വേണ്ട പാരിസ്ഥിതിക അന്നു തി (എൻവിയോൺമെന്റ് ജിയറൻസ്) നിബന്ധനക ക്ലിയറൻസ്) നിബന്ധനക ളുടെ അടിസ്ഥാനത്തിൽ കേന്ദ്ര വനം-പരിസ്ഥിതി കാലാവസ്ഥാ വൃതിയാന കാലാവസ്ഥാ വൃത്വയാന മന്ത്രാലയത്തിൽനിന്നും 08-04 -2019-ൽ പുറപ്പെടുവിച്ച് ഉത്ത രവ് നമ്പർ 23-65/2018 IA-III പ്രകാരം ലഭിച്ചിരിക്കുന്നു പാരിസ്ഥിതിക അനുമത് കത്തിന്റെയും നിബന്ധനകളു ടെയും പകർപ്പ് സംസ്ഥാന മലിനീകരണ നിയന്ത്രണ അനുമതി ബോർഡ് / കമ്മ റ്റി യുടെ പക്കൽനിന്നോ, കേന്ദ്ര വനം-പരിസ്ഥിതി കാലാവസ്ഥാ വൃതിയാന മന്ത്രാലയത്തിന്റെ വെബ്സൈ റ്റിൽ (http://moef.nic.in) നിന്നോ ലഭ്യ മാണ്.

aminihan antagal നോട്ടിസ് പൊതു ജനഗ്രദ്ധ യ്ക്കായി, കരെ സാസ്ഥാനം, പത്താന്, ചെത്രന്, തിട്ട ജില്ല, തിടുവല്ല താലുക്ക്, മര്യപ്പതി കെട്ടിച്ചി തിക്കായി സര്ദ്ദേശ് ശ്രീഗോർ പര്യപ്പതി കെട്ടിടനിർമ്മാണ പദ്ധ തിയ്ക്കായി സെന്റ് ശ്രീഗോറി യോസ് ഇന്റർനാഷ ണൽ ക്യാൻസർ കെയർ സെന്റർ സാർപ്പിച്ച അപേക്ഷയിൽ വേണ്ട പാരിസ്ഥിതിക അന്നു മരി (എൻവിയോൺമെയ്യ് ജിയാൻസ്) നിബന്ധന ക മുടെ തടി സ്ഥാ ന ത്തിൽ കേന്ദ്ര വതാ-പരിന്ധിതി കാലാ വസ്ഥാ വ്യതിയാന മന്ത്രാലയത്തിൽന്നും ദേഹ്യ വരും പുതിയാന മന്ത്രാലയത്തിൽന്നും ദേഹ്യ വരും പുതിയാന മന്ത്രാലയത്തിൽന്നും ദേഹ്യ വരും പുതിയാന് വരും വരും പുതിയാന് വരും പുതിയാന് മന്ത്രാലയത്തിൽന്നും ദേഹ്യ പുതിയാന് മന്ത്രാലയത്തിൽന്നും ദേഹ്യ പുതിയാന് മന്ത്രാലയത്തിൽന്നും ദേഹ്യ പുതിയാന മന്ത്രാലയത്തിൽന്നും ദേഹ്യവരും പുതിയാന്റെ പുതിയില്ലെ പുതിയാന്റെ പുതിയാന്റ്റ് പുതിയാന്റെ പുതിയാന് പുതിയാന്റ് പുതിയാന്റെ പുതിയാന്റെ പുതിയാന് പുതിയാന്റെ പുതിയാന്റെ നോട്ടിസ് രവ് നമ്പർ 23-65/2018 IA-III (പർയാര ലഭിച്ചിരിക്കുന്നു. പാരിസ്ഥിതിക അനു ക കത്തിന്റെയും നിബന്ധനകളു കത്തിന്റെയും നിബന്ധനകളു ഒയും പർഷ്ടി സംസ്ഥാന ഒലിനീകണേ നിയന്ത്രണ ബോർഡ് / കയു റ്റിയുടെ പക്കത്തിന്നാ, കേന്ദ്ര വനം-പരിസ്ഥിതി കാലാവസ്ഥാ വൃതിയാന മന്ത്രാലയത്തിന്റെ ചെ ബ് സൈ റ്റി ൽ (http://moef.nic.in) നിന്നോ ലഭ്യ

PUBLIC NOTICE ST. GREGORIOS NTERNATIONAL CANCER CARE CENTRE

CARE CENTRE
This is to inform you that
Government of India, Ministry of
Environment, Forest and Climate
Change has accorded Environmental Clearance with specific
and general conditions to the
project 'Expansion of existing
phospital project at Kadapra
Village, Pathanamthitta (Kerala)
by St.Gregorios International
Cancer Care Centre on
08.04.2019 under the provisions
of EIA Notifications, 2006 and
amendments/circular issued
thereon.

amendments/circular thereon.
Copies of environmental clearance letter along with environment conditions are evailable with Kerala Pollution Control Committee (KPCC) and may also be seen at website of the Ministry of Environment, Forest and Climate Change at http://moet.nic.in

Annexure-XIII

Acknowledgement/Completion certificate from Acknowledging Authority.

1.1.1 MoEF Activity: Rs. 76,000/- for the dust suppression and water sprinkling system

Completion certificate

This is to certify that, as part of Environmental Clearance Remediation Plan and Budgetary provisions, Natural and Community Resource Augmentation Plan,2019-2023,instead of the work of MoEF (the dust suppression and water sprinkling system), St. Gregorios International Cancer Care Centre, Parumala, ThiruvallaKavilcompletedKavilpadavil road concrete (length+38 m, width 1.10m) with a total expense of Rs.70, 000/-during March 2023.

The certificate is issued to produce compliance report to CPCB

PATHANAMTHITTA DT.
PIN: 689 621

**NIRANAM P. O. **

**NIRANAM P.

NISHA ASHOKAN
President
Kadapra Gramapanchayath
Ph:9496042616

Certificate from Kadapra Grama Panchayath.

1.1.2 MoEF activity: Rs. 1,00,000/- for Wind breakers in the periphery of project site

Completion certificate

This is to certify that, as part of Environmental Clearance Remediation Plan and Budgetary provisions, Natural and Community Resource Augmentation Plan,2019-2023, instead of the work of MoEF(wind breakers or barricades in the periphery of project site), St. Gregorios International Cancer Care Centre, Parumala, Thiruvallasupplied 30 numbers of LED Street light sensor 24W(LST-24SEN) ofworth Rs.50, 890/-(1425x30) from Parumalabridge to St.Francis Junctionduring March 2023.

The certificate is issued to produce compliance report to CPCB



NISHA ASHCIKAN
Preside

Completion certificate from Kadapra Grama Panchayath

1.1.4 MoEF Activity- Rs.1,20,000 for Ambient air quality monitoring in two sensitive areas of Kadapra Grama Panchayath

This is to certify that, as part of Environmental Clearance Remediation Plan and Budgetary provisions, 2019-2020, Ambient Air quality for twelve months from October, 2019 to November, 2020 were carried out at Taluk hospital, Thiruvalla by St. Gregorious International Cancer care centre, Parumala, Thiruvalla

The certificate is issued to produce compliance report to CPCB



SUPERINTENDENT
Taluk Head Quarters Hospital
Tiruvalla

Certificate from Taluk hospital

Certificate from Govt.HSS,Kadapra

This is to certify that, as part of Environmental Clearance Remediation Plan and Budgetary provisions, 2019-2020, Ambient Air quality for twelve months from October, 2019 to November, 2020 were carried out at Govt. UP School, Kadapra by St. Gregorious International Cancer care centre, Parumala, Thiruvalla

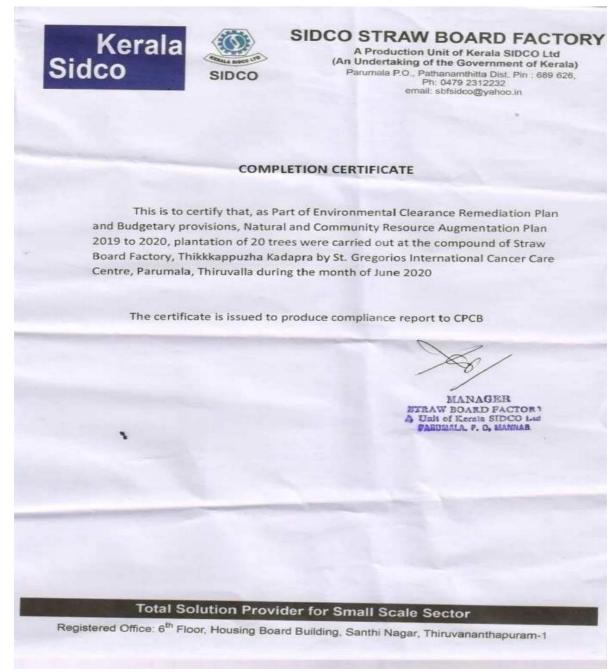
The certificate is issued to produce compliance report to CPCB



HEADMASTER GOVT. U.P.S., KADAPRA NIRANAM P.O.

1.2.1 Plantation with native species of flowering and fruit bearing trees

A. Location Number 1- Straw board factory, Thikkapuzha, Kadapra



Completion certificate from Sidco Straw Board Factory

B. Location No 2- Govt. U. P. School, Kadapra

This is to certify that, as Part of Environmental Clearance Remediation Planand Budgetary provisions, Natural and Community Resource Augmentation Plan,2019-2020, plantation of 60 trees were carried out at the compound of Govt. UP School, Kadapra by St. Gregorious International Cancer care centre Hospital, Parumala, Thiruvalla during the month of June, 2020

The certificate is issued to produce compliance report to CPCB



HEADMASTER GOVT. U.P.S., KADAPRA NIRANAM P.O.

Completion Certificate from Govt. U. P School, Kadapra

C. Location No -3- Govt Ayurveda Hospital, Randamkurisu, Kadapra

This is to be tify that, as Part of Environmental Clearance Remediation Plan and Budgetary provisions, Natural and Community Resource Augmentation Plan,2019-2020, plantation of 65 trees were carried out at the compound of Govt. Ayurveda hospital, Parumala, Kadapra by St. Gregorio as International Cancer care centre, Parumala, Thiruvalla during the mouth of July,2020

The certificate is issued to produce compliance report to CPCB

MEDICAL OFFICER
GOVI. AYURVEDA DISPEI

Completion Certificate from Govt. Ayurveda Hospital, Kadapra Panchayath

D. Location No- 5- Nursing College, Parumala



ST. GREGORIOS COLLEGE OF NURSING

(Attituted to Kursta University of Health Sciences, Tretasur)
Parumata P.O., Pathanamthitta Diet, Korala-689 626, India
Tel : 0479-2210393, Fax No. 2310390.



E-mail: ageonodismail.com, Web Site: www.ageon.in

Dute: 26/03/2021

SGCON:02/26032021

To

Rev. Fr. M.C. Poulose

CEO SGMMH Parumala

Respected Father,

Sub: Issuance certificate reg:

This is to certify that, as part of Environmental Clearance Remediation Plan and Budgetary provisions, Natural and Community Resource Augmentation Plan, 2020-2021, plantation of 250 trees were carried out at the compound of St. Gregorios College of Nursing, Parumala, Kadapra by St.Gregorios International Cancer care centre, Parumala, Thiruvalla during January, 2021.

The certificate is issued to produce compliance report to CPCB.

Thanking You

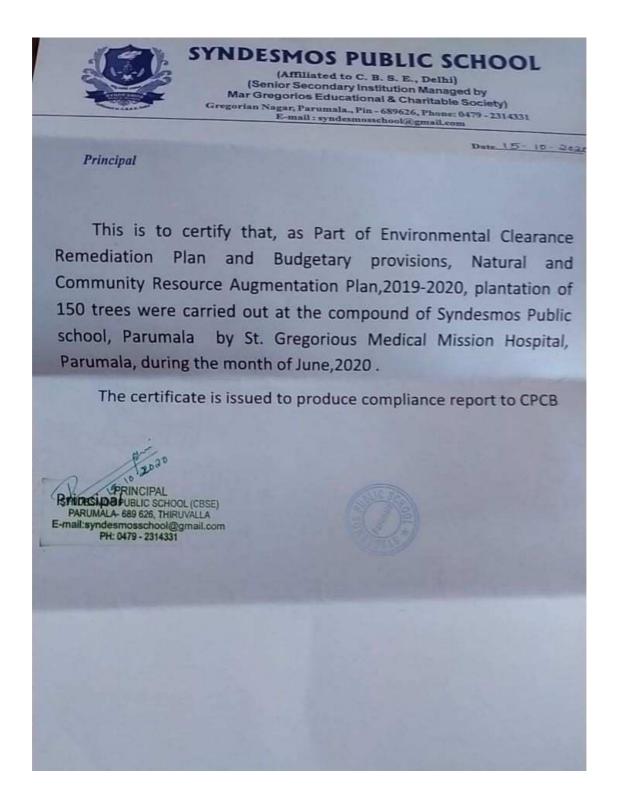
Yours faithfully

Principal

Minipel, PL Deputies Critics of Receive Parancia.

Completion Certificate from Nursing College, Parumala

E. Location No- 6- Syndesmos High School, Thikkapuzha, Kadapra



1.2.2 MoEF Activity Rs. 1, 64,000 for development of butterfly garden



(Affiliated to Mahatma Gandhi University, Kottayam and Kerala University of Health Sciences, Thrissur) PARUMALA P.O., PATHANAMTHITTA DIST., KERALA - 689 626, INDIA Tel: 0479 2310393, 2312266, Fax: 2310390 E-mail: sgconp@gmail.com. Website: www.sgcon.in

Date: 01/06/2022

CERTIFICATE

This is to certify that, as part of Environmental Clearance Remediation Plan and Budgetary provisions, Natural and Community Resource Augmentation Plan,2020-2021, Butterfly garden was installed in the Nursing college campus Parumala by St.Gregorios International Cancer care Centre, Parumala, Thiruvalla during September,2021.

This certificate is issued to produce compliance report to CPCB

Peteripal.

Brogarions College of Mareine.

Paramale.

Principal



1.2.3 MoEF Activity: Rs. 1,60,000 for Cost of development of medicinal garden





Parumala P.O., Thiruvalla, Pathanamthitta District Kerala State, Pin: 689 626

Fr. M.C., Kuriakose Manager

> This is to certify that, as part of Environmental Clearance Remediation Plan and Budgetary provisions,2021-2022, development of medicinal garden were carried out at the compound of Parumala church, Parumala, Kadapra by St.Gregorious International Cancer care centre, Parumala, Thiruvalla during February, 2021

The certificate is issued to produce compliance report to CPCB

Fr. M. C. Hurrakose Manager Parumala Seminary

1.2.4 MoEF Activity:Rs.50,000/- forDevelopment of Panchayath park/Avenue plantation towards habitat compensation

Completion certificate

This is to certify that, as part of Environmental Clearance Remediation Plan and Budgetary provisions, Natural and Community Resource Augmentation Plan,2019-2023,instead of the work of MoEF(the development of Panchayath Park or Avenue Plantation), St. Gregorios International Cancer Care Centre, Parumala, Thiruvalla supplied 30 numbers of LED Street light sensor 24W(LST-24SEN)of worth Rs. 50,000/-(1425x30) from Parumala Church to Panayannarkavu during March 2023.

The certificate is issued to produce compliance report to CPCB



NISHA ASHOKAN Presii Gramii Ph:94960

1.3.1 (a). MoEF Activity: Restoration of abandoned wells

Completion Certificate

This is to certify that, as part of Environmental Clearance Remediation Plan and Budgetary provisions, Natural and Community Resource Augmentation Plan,2019-2023,restoration of abandoned wellswere done through the maintenance of public open dug wells (2 numbers=Rs. 47500)at Kottakkamali colony and Kavilkizhakkethilby St. Gregorios International Cancer Care Centre, Parumala, Thiruvalla during March 2023.

The certificate is issued to produce compliance report to CPCB

PATHANAMTRUITA DI.
PIN: 689 621

**MIRANAM P.O. **

NISHA ASHOKAN
President
Kadapra Gramapanchayath
Ph:9496042616

1.3.2. MoEF Activity: Rs. 2,00,000/-for rehabilitation of village pond.

Completion certificate

This is to certify that, as part of Environmental Clearance Remediation Plan and Budgetary provisions, Natural and Community Resource Augmentation Plan, 2019-2023, instead of theMoEF work(Rehabilitation of the Village pond), the renovation works, that includes construction of new steps, plastering, random rubble stone masonry and desiltationin Kottakkamalikulikkadavu with total expenditure of Rs.2 lakhs were completed by St. Gregorios International Cancer Care Centre, Parumala, Thiruvalla during March 2023.

The certificate is issued to produce compliance report to CPCB

PATHANAMTHITTA DT.
PIN: 689 621

MIRANAM P. O.

NISHA ASHOKAN
President
Kadapra Gramapanchayath
Ph:9496042616

Completion Certificate from Kadapra Grama Panchayath

1.3.3. MoEF Activity: Rs. 60,000/- towards set up of 2 units of portable toilet at site

	GOVT. HIGHER SECONDARY SCHOOL Kadapra, Valanjavattom P. O. Thiruvalla - 4, Tel: 0469 - 2611602
No.	Date:
From,	The Principal
	CERTIFICATE
	This is to carlify that, as part of Remediation plan on water environment 2019, two units of portable toilets one for male and one for female of worth \$60000 / ware Successfully installed by St. Gregorious Mission Hospital. Paramala during the month of Novembar 2019.
	801
	PRINCIPAL Historyalla Anthanamehitta B3005 Pathanamehitta 63005

1.3.4 MoEF Activity: Rs. 5, 50,000 on setting up of an STP of 5 KLD capacity

ST. GREGORIOS COLLEGE OF NURSING

(Affiliated to Mahatma Gandhi University, Kottayam and Kerala University of Health Sciences, Thrissur) PARUMALA P.O., PATHANAMTHITTA DIST., KERALA - 689 626, INDIA Tel: 0479 2310393, 2312266, Fax: 2310390 E-mail: sgcono@gmail.com, Wetisite: www.agcon.in

Date: 01/06/2022

CERTIFICATE

This is to certify that, as part of Environmental Clearance Remediation Plan and Budgetary provisions, Natural and Community Resource Augmentation Plan,2020-2021, Fixed Dom Biogas plant with 150 kg solid waste /day was successfully installed in the nursing college campus, Parumala by St. Gregorios International Cancer Care Centre, Parumala, Thiruvalla during October,2021.

This certificate is issued to produce compliance report to CPCB

ex. Gregories Callege of Harning. Parameter.

Principal

OF NURSHBOOK WAS BEEN AND TO SOUTH OF THE PROPERTY OF THE PROP

Completion Certificate from Nursing College, Parumala

1.3.5. MoEF activity: Channelization of storm water drainages





Parumala P.O., Thiruvalla, Pathanamhitta District Kerala State, Pin: 689 626

Fr. M.C. Kuriakose Manager

> This is to certify that, as part of Environmental Clearance Remediation Plan and Budgetary provisions, 2021-2022, channelization of storm water were carried out at Arikkupuram padam, Parumala, Kadapra by St.Gregorious International Cancer care centre, Parumala, Thiruvalla during December, 2020

> The certificate is issued to produce compliance report to CPCB



Fr. M. E. Rurlakose Manager Parumale Seminary

Errait: seminaryparumata@gmail.com + mcmekkattil@gmail.com
Website: www.parumatechurch.com + Web Radio : www.gregorionradio.com
Web Gregorian T.V. : www.orthodoxchurch.to + Gregorian News: www.orthodoxchurch.in
Email: editor@gregoriannews.com

Completion Certificate from Parumala Seminary, KadapraPanchaytah

1.3.6 MoEF Activity: Frequent cleaning of the site before monsoon

Completion certificate

This is to certify that, as part of Environmental Clearance Remediation Plan and Budgetary provisions, Natural and Community Resource Augmentation Plan,2019-2023,instead of the work of MoEF(the frequent cleaning of vicinity of site), St. Gregorios International Cancer Care Centre, Parumala, Thiruvallacompletedconstruction of R.C.C slab for road at Kurumbaleswram, Kadapra with a total expense of Rs.27500/- during March 2023.

The certificate is issued to produce compliance report to CPCB

NISHA ASHOKAN
President
Kadapra Gramapanchayath

1.4.1. MoEF Activity: Rs. 50,000/- for creating barriers to avoid erosion and tomaintain its integrity so as to use it further for landscaping

Issuance certificate

This is to certify that, as part of Environmental Clearance remediation plan and Community Resource Augmentation plan 2021, ten wheel chair, of worth Rs.12,000/- each were given to unhealthy people in and around of Kadapra Grama Panchayath, Parumala, by M/s St.Gregorios International Cancer Care Centre, Parumala, Thiruvalla during the month of November,2021

The certificate is issued to produce compliance report to CPCB

NISHA ASHOKAN President Kadapra Gramapanchayath

Ph:9496042616

Certificate issued by Kadapra Grama Panchayath

1.4.3. MoEF Activity: Rs. 60,000/- for 20 bins

Completion certificate

This is to certify that, as part of Environmental Clearance Remediation Plan and Budgetary provisions, Natural and Community Resource Augmentation Plan, 2019-2023, twenty numbers of drum waste bin (100 litre) with swing lidof worth Rs.75,116/- were provided to L.P School, Palachuvad, Seminary school, Kadapra, St. Francis School, Parumala, Govt. L.P. School, Kadapraetcduring the years 2021-23 by St. Gregorios International Cancer Care Centre, Parumala, Thiruvalla

The certificate is issued to produce compliance report to CPCB

PATHANAMTHITTA DT.
PIN: 689 621

**WIRANAM P. O. **

NISHA ASHOKAN
President
Kadapra Gramapanchayath

Completion certificate from Kadapra Grama Panchayath

1.4.4. MoEF Activity: Secured intermediate leachate proof facility for storage

Completion certificate

This is to certify that, as part of Environmental Clearance Remediation Plan and Budgetary provisions, Natural and Community Resource Augmentation Plan,2019-2023,instead of the work of MoEF(secured intermediate leachate proof facility),St. Gregorios International Cancer Care Centre, Parumala, Thiruvalla completed the work of desiltingand mud removal of KalluvarathilKulikadavu with a total expense of Rs. 90,000/-during March 2023.

The certificate is issued to produce compliance report to CPCB

PATHAMAMTHITIA DT.
PIN: 689 621

WIRANAM P.O.

NISHA ASHOKAN
President
Kadapra Gramapanchayath
Ph:9496042616

Completion certificate from Kadapra Grama Panchayath

1.5.1 MoEF Activity: Rs. 50,000/- for Providing Personnel protective equipment's (PPE) to the Health Department of the panchayath

Issuance Certificate

This is to certify that, as part of Environmental Clearance Remediation plan and budgetary provisions,2020, Personnel Protective Equipment (2000 masks and 250 Hand sanitizer) of worth Rs.50,000/- were given to Public Health Centre, Kadapra Grama Panchayath, Parumala, by M/s St.Gregorious International Cancer Care Centre ,Parumala,Thiruvalla during the month of September,2020

The certificate is issued to produce compliance report to CPCB

Place: Kadapia

Dale : 9.09.20

THE ALTH CONTRACTOR

The Medical Offices
Primary Health Centre
Cadapra, Parumala P. 2

Completion certificate from PHC, Kadapra Grama Panchayath

1.6.1. MoEF activity: Providing first aid kits to the construction sites

Completion certificate

This is to certify that, as part of Environmental Clearance Remediation Plan and Budgetary provisions, Natural and Community Resource Augmentation Plan, 2019-2023, five numbers first aid kits were provided to public workers of the panchayathby St. Gregorios International Cancer Care Centre, Parumala, Thiruvalla.

The certificate is issued to produce compliance report to CPCB

WILLIAM STATE OF THE STATE OF T

NISHA ASHOKAN President Kadapra Gramapanchayath Ph:9496042616

1.6.2. MoEF activity: Providing a wheel chair (2 nos.) to the PHC, Kadapara

Issuance certificate

This is to certify that, as part of Environmental Clearance Remediation plan and budgetary provisions,2020, two wheel chair, of worth Rs.24,000/- were given to Public Health Centre, Kadapra Grama Panchayath, Parumala, by M/s St.Gregorios International Cancer Care Centre, Parumala, Thiruvalla during the month of November,2020

Received

The certificate is issued to produce compliance report to CPCB

the Medical Ulticou

Primary Health Centre

Completion certificate from PHC, Kadapra Grama Panchayath

lesuance certificate

This is to certify that, as part of Environmental Clearance Remediation plan and budgetary provisions, five wheel chair, were given to Taluk hospital, Thiruvalla by M/s St.Gregories International Concer Care Centre, Parumale, Thiruvalla during the month of March, 2022

The cartificate is issued to produce compliance report to CPCB



SUPERINTENDENT Toluk Head Quarters Hospital Truvaille

Completion certificate from Taluk hospital, Kadapra Grama Panchayath

2.1. MoEF Activity- Development of greenery in the surrounding area and roadside plantation

Kesava Vilasom Upper Primary School

Valanjavattom P. O., Thiruvalla - 4 Phone: 9496266449

Ref. 139/20-21

Date: 22/3/2021.

Headmistress

To,

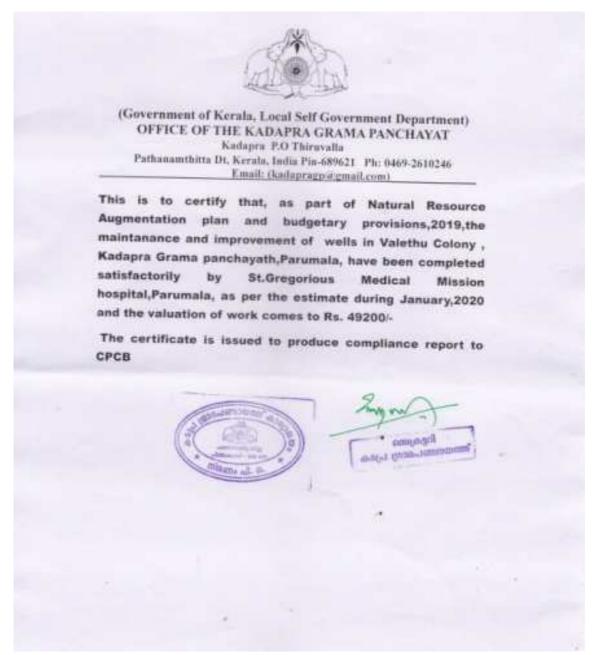
CERTIFICATE

This is do certified that, as part of Environmental clearance Remediation and Natural and Community Resource Augmentation plan 2020 by St. Gregories International Cancer Care Centre Parumals, Plantation of Go trees were carried out of the compound of KVUP School Valarjavation (Kedepia) during the most of June 2020



ASHA. M.
Headmistress
K.V.U.P. SCHOOL, VALANJAVATTOM

2.2. MoEF Activity: Provision of drinking water facilities through construction of dug wells



Completion certificate from Kadapra Grama panchayath, Parumala

2.3(a) MoEF Activity: Maintenance of village road, near the panchayath office or any other badly damaged road in consultation with Panchayath



(Government of Kerala, Local Self Government Department) OFFICE OF THE KADAPRA GRAMA PANCHAYAT Kadapra P.O Thiruvalla

Pathanamthitta Dt, Kerala, India Pin-689621 Ph: 0469-2610246 Email: (kadapragp@gmail.com)

This is to certify that, as part of Natural Resource Augmentation plan and budgetary provisions,2019,the reconcreting work of Kottakkamal i road, ward no-9, Kadapra Grama Panchayath have been completed satisfactorily by St.Gregorious Medical Mission hospital,Parumala, as per the estimate during September,2019 and the valuation of work comes to 2,60,000/-

The certificate is issued to produce compliance report to CPCB

> സെക്രട്ടറി കടപ്ര ഗ്രാമപഞ്ചായന

Certificate from Kadapra Grama Panchayath (first section of work)

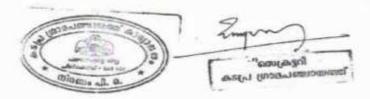


(Government of Kerala, Local Self Government Department) OFFICE OF THE KADAPRA GRAMA PANCHAYAT

Kadapra P.O Thiruvalla Pathanamthitta Dt, Kerala, India Pin-689621 Ph: 0469-2610246 Email: (kadapragp@gmail.com)

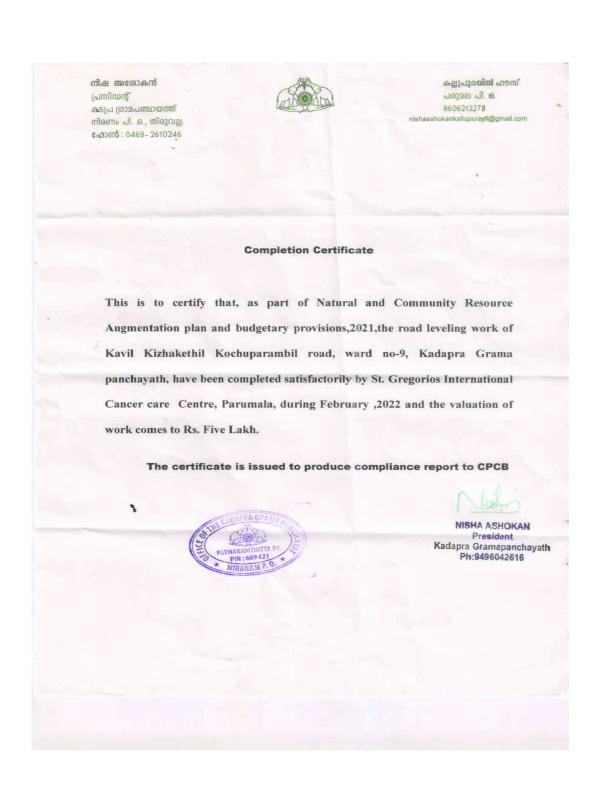
This is to certify that, as part of Natural Resource Augmentation plan and budgetary provisions,2019,the reconcreting work of Kottakkamal i road, ward no-9, have been completed satisfactorily by St.Gregorious Medical Mission hospital,Parumala, as per the estimate during March,2019 and the valuation of work comes to Rs. 3,00,000/-

The certificate is issued to produce compliance report to



Certificate from Kadapra Grama Panchayath (second section of work)

2.3(b) MoEF Activity: Maintenance of village road, near the panchayat office or any other badly damaged road in consultation with panchayath



2.4 MoEF Activity: Rs.5,00,000/- for construction of pipeline network in the village

Completion certificate

This is to certify that, as part of Environmental Clearance Remediation Plan and Budgetary provisions, Natural and Community Resource Augmentation Plan,2019-2023,instead of the work of the MoEF (construction of the pipeline network in the village) Ashariparambunadavazhi concrete (length +58 m, width 1.25m) with a total expenditure of Rs.1.15.000/-have been completedby St. Gregorios International Cancer Care Centre, Parumala, Thiruvalla during March 2023.

The certificate is issued to produce compliance report to CPCB

PINTHAMAMINITA DI.
PIN : 689 621

MIRANAM P.O.

NISHA ASHOKAN
President
Kadapra Gramapanchaya h
Ph:9496042616

2.5 (a) MoEF Activity: Provision of solar system in common areas through local administration



Certificate from Public Health centre, Kadapra Grama panchayth.

2.5 (b)MoEF Activity: Provision of solar system in common areas

12/23/2020

STREET LIGHT - Google Doos

SEMINARY LP SCHOOL.PARUMALA

L NO.78/2020

23.12.2020

Implementation certificate

This is to certify that, as part of Natural Augmentation plan and budgetary provisions,2020, the solar street light of worth Rs.25,000/- were installed in the compound of Seminary L.P School facing to pwd road, Parumala of Kadapra Grama panchayath, Thiruvalla by St. Gregorious International Cancer care centre Hospital. Parumala, Thiruvalla during the month December,2020.

This certificate is issued to produce compliance report to CPCB





2.6 MoEF Activity: Rainwater harvesting and Ground water recharge development

Completion certificate

This is to certify that, so part of Environmental Clearance Remediation Planand Budgetary previations, Natural and Community Resource Augmentation Plan, 2019-2023, Hainwater harvesting and generalwater recharge that includes 170 feet path rain water getter, fixed top PVC path works, Ring work, with a total expenditure of LEA, 250-bare been recensfully implemented in the L.P School complex, Palacharasi, Kadapra, Paramala by St. Gregorian international Canter Care Centre, Paramala, Thiranalla during Fubrassy 2023.

The certificate is issued to produce compliance report to CPCB



Completion certificate from Kadapra Grama Panchayath

2.7 MoEF Activity: Construction of storm water drainages in the nearby areas

Completion certificate

This is to certify that, as part of Environmental Clearance Remediation Plan and Budgetary provisions, Natural and Community Resource Augmentation Plan,2019-2023,instead of the work of MoEF (the construction of storm water drainage), St. Gregorios International Cancer Care Centre, Parumala, Thiruvallahave been completed the construction of side wall for culvert in Kurumbaleswram, Kadapra with a total expenditure of Rs.45,000/- during March 2023.

The certificate is issued to produce compliance report to CPCB

PATHANAMHITTA DT. NIRANAM P. O. *

NISHA ASHOKAN
President
Kadapra Gramapanchayath
Ph:9496042616

3.1 MoEF Activity: Creation of irrigation facilities to the farmers supporting for irrigation

Issuance Certificate

This is to certify that, as part of Community Resource Augmentation plan and budgetary provisions, 2023, twonumbers of Kirloskar 10 Hp mono block pump sets of worth Rs.1,06,356/-were supplied for irrigation of Paddy field and Karimbukrishi (Edapunjapadasekharasamithi, and Pumbakarimbukarshakasamithi), Kadapragramapanchayath by St. Gregorios International Cancer care Centre, Parumala

The certificate is issued to produce compliance report to CPCB

PATHANAMTHITTA DT.
PIN: 689 621

NISHA ASHOKAN President Kadapra Gramapanchayath Ph:94960426 to

3.2 MoEF activity: Construction of sanitation facilities (toilet) in schools and Villages

Completion certificate

This is to certify that, as part of Environmental Clearance Remediation Plan and Budgetary provisions, Natural and Community Resource Augmentation Plan,2019-2023, instead of theMoEF work, the construction of sanitation facilities in schools, St. Gregorios International Cancer Care Centre, Parumala, Thiruvallasupplied, lap top, wheel chair to Najnodaya special school, rice for community kitchen with a total expense of Rs.59,200/- during the year2020 to 2023

The certificate is issued to produce compliance report to CPCB

PATHANAM PHILE PRINCES OF THE PATHANAM P. O.

NISHA ASHOKAN President Kadapra Gramapanchayath Ph:9496042616

Completion certificate from KadapraGramapanchayath

3.6 MoEF Activity: Assistance in development of technical skills and training to the children of farmers and fishermen



This is to certify that, as part of Environmental Clearance Community Resource Augmentation Plan and Budgetary provisions,2020, for assistance in providing online study class, Television were given to the student of this institution by M/s St.Gregorios International Cancer Care Centre, Parumala, Thiruvalla during the month of November,2020

STUDENT NAME - SONA MATHEW

The certificate is issued to produce compliance report to CPCB



Headmistress
St. Anne's G. H. S.
Changamacherry

Certificate from St.Annes Girls High School, Parumala



Phone: 0479-2312441

N. S. HIGH SCHOOL FOR BOYS

MANNAR . PIN : 689 622

No.

From,

The Manager / Headmistress

To

Date 18/11/20

Sub:

Ref:

Sir. / Madam,

This is to certify that, as part of Environmental Clearance Community Resource Augmentation Plan and Budgetary provisions, 2020, for assistance in providing online study class, Television where given to the student JAISON JOSE. STD. V of this institution by M/s St: Gregorios International Cancer Care Centre Parumala ,Thiruvalla during the month of November,2020

The certificate is issued to produce complaiance report to CPCB

HEADMISTRESS

Bhyni philip

Certificate from N.S High School, Parumala

SEMINARY LP SCHOOL PARUMALA

L NO.58/2020

19/11/2020

CERTIFICATE

This is to certify that Master.JobinVarghese S/O Mr.Rijo Raju ,Thundiyil Parumala PO is studying in Std.3, as part of Environmental Clearance Community Resource Augmentation Plan and Budgetary provisions,2020, for assistance in providing online study class, Television were given to the student of this institution by M/s St.Gregorios International Cancer Care Centre, Parumala, Thiruvalla during the month of November,2020

The certificate is issued to produce compliance report to CPCB



ALEXANDER PGEORGE
HEADMASTER
HEAD

Certificate from Seminary L.P School, Parumala

Certificate from St. Mary s Higher secondary School, Parumala



St. MARY'S HIGHER SECONDARY SCHOOL

(School code -03103)

Niranam-689621, Pathanamthitta District, Kerala. Phone 0469-261700 email: niranamstmaryshss@gmail.com

CERTIFICATE

This is to certify that, as part of Environmental Clearance Community Resource Augmentation Plan and Budgetary provisions, 2020, for assistance in providing online study class. Television were given to the student of this institution by M/s St. Gregorios International Cancer Care Centre, Parumala, Thiruvalla during the month of November, 2020

The certificate is issued to produce compliance report to CPCB

Asialakomani



August 1

Dr. Jeena Thomas Principal-in-charge (PEN. 834753) St. Mary's HSS (03103) Niranam- 589621 MDMEMLP School. This mode pursons
Headmishess. This walls.

This is to certify that, as part of Environmental Clearance Community Resource Augmentation Plan and Budgetary provisions,2020, for assistance in providing online study class, Television were given to the student of this institution by M/s St.Gregorios International Cancer Care Centre, Parumala, Thiruvalla during the month of November,2020

The certificate is issued to produce compliance report to CPCB

STUDENT NAME - ADITHYAN BAGU

Thirumoolapuram

HEADMISTRESS M. D. M. English Medium L. P. School Thirumoolapuram, Thiruvalla - 689 115

Baiju. P. 6

Certificate from MDMEMLP School, Parumala

3.7 MoEFActivity: Assistance in providing study materials, uniform, books to the poor students located nearby area



ST. FRANCIS L.P. SCHOOL

PARUMALA

stfrancislpsparumala@gmail.com

Mob 9447565215

From, Headmistress No.:

Date: 05-07-2021

To.
The C.E.O.
S.G.M.M.Hospital
Parnmale.

This is to certify that, following students of this institution have received smart phone for online study purpose as part of EnvironmentalClearance Community Resource Augmentation plan and budgetary provisions, 2021 by St. Gregorios International Cancer care centre, Parumala, Thicuvalla on 21-06-2021 during the COVID-19 Pandemie period.

The certificate is issued to produce compliance report to CPCB.

We got 11 smartphones for one students.

List of students who got smartphone.

- 1. Joyal Jose Puthenputayot kurattisseni Mannar.
- 2. Afmi The fudheen Suhea Manzet Parumala. P.O.

3. Adhina Hasson Kottaekamaliyel Paxumala P.O

4. Adonis Joseph Hathew Thazhehayet Parumala:

5. Angel Santhosh Nadmvile Palampit Palumala.

6. Nadhi Nonshed Kottakkanaliyel Parumala.

7. Mexlin Mariya Michael Kulathil Parumala.

8. Jessa Jijo Valupatampri Thagleha Pasumala.

9. Jisna James Thazheloyet Pakumala.

10. Alan & Yohannan Azikupurans Parumala:

Perumpunchaget Parumala.

SIMBU IOV READANSTRESS R. Francis L.F. Schmit/Favurralia

Certificate from, St Francis School, Parumala

Certificate from KVLPS, Parumala

K.V.L.P. SCHOOL

PARUMALA - 689 626

UDISE Code: 32120900122

School Code: 737229 UDISE Cod	de : 32120900122
Lr. No	:: <u>< 3 302 </u>
To,	
Scarp w Hospard	
Sir, Sub:	
Ref: This is to contiby that following students	ob this
institution have received smart place low	ostile
Study purpose as pertoberacion mental clear Resource Augmentation plan and budgetery	
Perende Timelle es 21/00/2021, during +	
1. Anadega v, Attivio Blaves, Parenala	J.
2. Smiley UR, Vettepperlayer, Pendend west Pro 3. Alaska: R, Vedelekettenegel, Pendencel Coest Pro	2
The enthreat is reserved to produce compliance representation of the second state of the second seco	S stress chool

Certificate from Govt. L.P. School, Parumala



GOVT. L.P. SCHOOL, PARUMALA

PARUMALA P.O., THIRUVALLA, Pin: 689 626, PATHANMTHITTA (Dist.)
Ph: 0479 2311110, E-mail: parumalaglps@gmail.com

No: 15/ 2021 - 22.

Date: 5/7/2021

From, Senior Assistant of in full Additional charge, Crovt. L. P.S. Parumala.

Somm Hospital, Parumala.

This is to certify that, following Students of this un Stitution have received smartphone for online study purpose as part of Environmental clearance Community Resource Augmentation plan and budgetary provisions, 2021 by St. Gregorious International Cancer Care Centre, Parumala, Thiruvalua on 21.06.2021, cluring the Covid-19 pandemic period.

The certificate is issued to produce compliance Report to CPCB.

- 1. Axchitha Ratheesh.
- 2. Aisawarya Shyju
- 3. Sadhika Sudhi
- 4 · Vaisak Krishnan Thampi
- 5. Athulya: M. k
- 6. Aghika Prasad.
- 7. Albin Baby Stephen
- 8. Ahad
- 9. Malavika
- 10 · Vishmani



SENIOR ASSISTANT REE
IN FULL ADDITIONAL ARGE
OUT LPS. PARUMALA

Certificate from Seminary school,Parumala

SEMINARY LP SCHOOL.PARUMALA

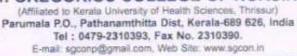
Details of Students without any facilities at home for online class

SI.N o	Ad.No	Name of the Student	Std	Address	Panchayat
1	5311	Shifana Rasak	1A	Kilunneril, Vishawarsserikara	Mannar
2	5359	Rehitha Maniyan	1B	Kizhakkemadam,Cheriyanad	Cheriyana d
3	5319	Chandana P Ratheesh	1A	Plamoottil,Parumala	Parumala
4	5240	Aadisurya	2A	Kottackamaliyil,Parumala	Parumala
5	5257	Ameera Akbar	2A	Odattukizhakkethil,Mannar	Mannar
6	5251	Hajara	2A	Tharayil pallath,Kurattickad	Mannar
7	5253	Bahira Rabiyath	2A	Pudhunanai, Thothukudi	Mannar
8	5279	Nandha Hari	2A	Idathayil,Vishawarsserikksra	Mannar
9	5281	Sudev S	2B	Palaparambil,Vishawarsserikkara	Mannar
10	5273	Malavika G Anil	2B	Velaparampil,Kurattissery	Mannar
11	5232	Sivaganga A	ЗА	Kochuthoppil,Parumala	Paumala
12	5198	Sandra S	ЗА	Melppurayidathil,Parumala	Parumala
13	5187	Aadidev R	ЗА	Vazhaparampil,Parumala	Parumala
14	5205	Afna Fathima	3B	Komburath,Mannar	Mannar
15	5201	Hanna Fathima	3B	Kulathippuzha,Kurattissery	Mannar
16	5374	Alan Joseph	3B	Ranniparampil,Mannar	Mannar
17	5109	Christy Solomon Leen	4A	Arikupurath Chirayil,Parumala	Parumala
18	5121	Keerthana R	4A	Kadambattuvilayil,Kurattikkad	Mannar
19	5132	Aadhinath R	4B	Kulathum Madayil,Parumala	Parumala
20	5152	Jobin Varghese	4B	Thundil,Parumala	Parumala
21	5233	Muhammed Nibras	4B	Chakkulath, Eramathur	Mannar
22	5159	Muhammed Sujai	4B	Vanyath,Vishavarsserikkara	Mannar
23	5112	Sarang R	4B	Tharayil,Kurattikad	Mannar
24	5139	Vyga B Nair	4B	Kizhakkeparampil,Parumala	Parumala
25	5044	Anaswar P Anil	5A	Punnasseril,Parumala	Parumala
26	5054	Nandhu Filendran	5A	Arikupurathu Thekkethil,Parumala	Parumala
27	5081	Sanjay P S	5A	Punnasseril,Parumala	Parumala

3.8 MoEF Activity: Scholarship to the clever students for higher education



ST. GREGORIOS COLLEGE OF NURSING





Date:05/03/2021

TO WHOMSOEVER IT MAY CONCERN

This is to certify that the I year B.Sc Nursing students (2020-24 batch) Namely:-

- 1. Ms. Jesty Rajan
- 2. Ms Sreelekshmi
- 3. Ms Sherin Anna Shaji
- 4. Ms Mahima Mariam Raju have received scholarship of Rs 10,000/head as a part of Environmental Clearance Community Resource Augmentation Plan and Budgetary provision 2020-2021 from St. Gregorios International Cancer Care Centre Parumala on 14/02/2021.







ST. GREGORIOS COLLEGE OF HEALTH SCIENCE

(Affiliated to Kerala University of Health Sciences, Thrissur, Kerala, India)
Parumala P.O., Pathanamthitta Dist., Kerala - 689 626
Tel: 0479 - 2311929, Fax: 0479 - 2312866
E-mail: stgessparumala@gmail.com

Jishamol K Principal Date:....

17/03/2021

To Whom It May Concern

This is to certify that, Mr. Akshay Gopal V S , I * year BSc MLT student have received scholarship for higher studies as part of Environmental Clearance Community Resource Augmentation Plan and Budgetary Provisions2020-2021, is given by St.Gregorios International Cancer Care Centre, Parumala, Thiruvalla on 14.02.2021.

The certificate is issued to produce compliance report to CPCB

DELIZIA BOR

Principal Health Schede

Certificates from Syndesmospublic school, St. Johns Higher secondary School, Mattom and St.Goerge Higher secondary school, Parumala



SYNDESMOS PUBLIC SCHOOL

(Affiliated to C. B. S. E., Delhi) (Senior Secondary Institution Managed by Mar Gregorios Educational & Charitable Society)

Gregorian Nagar, Parumala., Pin - 689626, Phone: 0479 - 2314331 E-mail: syndesmosschool@gmail.com

Date 11-02-2021

Principal

To,

The CEO St. Gregoriose Mission Hospital Parumala

It is happy to learn that St. Gregoriose International Cancer Care Centre, Parumala is rendering scholarship scheme to the outstanding students as a part of Environmental Clearance Community Resource Augmentation plan and budgetary provisions 2020-21.

Its my pleasure to recommend Kumari Asha Anna Mathew who scored A1 in class X AISSCE 2019-20 under CBSE Board. She not only excels academically but has shown great potential as an overall performer in co-scholastic areas too. I have great love and respect for her and truly believe that she is a deserving candidate for the same. I earnestly request you to consider her for this scholarship.

Consider favourably

PRINCIPAL

DEEPTHINAIR
Principal
Syndesmos Public School Provinsis P.D., Thinywalls
Pethanamthitte IDI, Kerals 699 628
School Code 75926, Pr. 0479-2314331
Fmail Wandssenseshori Shmall com.



ST. JOHN'S HIGHER SECONDARY SCHOOL

MATTOM, THATTARAMPALAM P.O, MAVELIKARA Alappuzha Dist., Kerala State, Pin- 690103, Ph: 0479-2344448

No. Date.....

From,
Principal

To,

Certificate

Certified that Kumari.Sherin Elsy Behanan , D/O Sri Mohan Varghese, Thoppil, Chennithala was a bonafide student of this school during the academic year 2019 – 2021. She was very active in curricular and co-curricular activities. I here by recommend her for the Scholarship.

School Carlotte

SUSAN SAMUEL PRITICIPAL St John's Higher Secondary School Mallom, Mavelikara

lus - - -

RECOMMENDATION LETTER

Letter No.: 18/2021 23-02-2021

This is to certify that Mr. KEBIN SEBASTIAN, son of Mr. Sebastian Simon, Moonnamkery, Martar P O. Alappuzha District, Kerala State, was a bona fide student of this school in Commerce stream during the academic year 2018–20. He appeared in HSE March 2020 with Reg. No. 7098631 and secured A+ in all subjects with a score of 95%.

His character and conduct have been very good and hence I am happy to recommend him as a deserving student for this scholarship as a part a of Environmental Clearance community Resource Augmentation plan & budgetary provisions 2020-21, by St. Gregorios International Cancer Centre, Paramala.

I wish him all the best for a bright career.

1

THOMAS, J. MANTHARA
PRINCIPAL
SI. George H.S.S.

Seanned copy send to Ma.P.Z. thom on 28:03.2019: outh CEO's offree

23: General: 0471 2312910, 2318153, 2318154, 2318155 Chairman: 2318150 Member Secretary: 2318151 e-mail: ms.kspcb@gov.in, FAX: 2318152 web: www.keralapcb.nic.in



KERALA STATE POLLUTION CONTROL BOARD കേരള സംസ്ഥാന മലിനീകരണ നിയന്ത്രണ ബോർഡ്

Pattom P.O., Thiruvananthapuram – 695 004 പട്ടം പി.ഒ., തിരുവനന്തപുരം – 695 004

PCB/HO/PTA/ICO/04/2010

Dated: 21/03/2019

From

The Member Secretary

To

Fr. M. C. Paulose (C.E.O)
St. Gregorious Medical Mission Hospital
Parumala. P. O.,
Pathanamthitta – 689 626

Sub: Bank guarantee towards remediation plan and natural and community resource augmentation plan - reg.

Ref: Your letter dated 11/03/2019.

Sir,

The undersigned hereby acknowledge that the Bank Guarantee No. 0315BG000012019 dated 07/03/2019 for an amount of Rs. 62,45,000 has been received in the Board.

Yours faithfully,

MEMBER SECRETARY

Copy to:

The Environmental Engineer,
District Office,
Kerala State Pollution Control Board,
Pathanamthitta.

9

Sign In

Register

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Q



Bank Cruantee



Quick help

You are here Home>> Track Consignment

Track Consignment

* Indicates a required field.

* Consignment Number

EL249696984IN

Track More

Booked At	Booked On	Destination Pincode	Tariff	Article Type	Delivery Location	Delivered On
	11/03/2019 14:26:41		<u> </u>	Speed Post	Pattom Palace SO	12/03/2019 16:58:59

Event Details For : EL249696984IN Current Status : Item Delivered

Date	Time	Office	Event
12/03/2019	16:58:59	Thiruvananthapuram Medical College	Item Delivered
12/03/2019	13:15:44	Thiruvananthapuram Medical College	Out for Delivery
12/03/2019	08:47:02	Thiruvananthapuram Medical College	Item Received
11/03/2019	14:26:41	Mannar SO	Item Booked

More Information >>

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Tenders India
Related sites
Website Policies
Contact Us
Employee Corner



ST. GREGORIOS MEDICAL MISSION H

Parumala P.O., Pathanamthitta (Dist), Kerala State, India - 689 6 Ph. 0479 - 2312266, 2312465 Web: www.parumalahospital.com E-mail: happyhealing@parumalaho

34IN IVR:6976249696984
SO <689622>
D:2,11/03/2019,14:25
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4:0 4, Pattom Palace SO
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www.indiapost.gov.in>

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CHIEF E,ST GREGORIOUS ME

(Cash)Tax:6.30

www.indiapost.gov.in>

The Member Secretary,
Kerala State Pollution Control Board,
Pattom P.O.,
Thiruvananthapuram,
Kerala – 695 004

Ref:- MoEF & CC Letter No. F.No. 23-65/2018-IA-III dt. 06-03-2019

Sub:- Expansion of existing hospital project of St. Gregorios Mission Hospital at Kadapra Village & Panchayat, Thiruvalla Taluk, Pathanamthitta District, Kerala - Submission of Bank Guarantee - Reg.

Respected Sir,

We are in receipt of the above mentioned letter from MoEF & CC. The copy of the said letter is attached as *Annexure No.1*. A copy of the same was marked to your office also. The copy of the same is attached as *Annexure No.2*. In compliance to the said letter, we hereby submit the bank guarantee for an amount of Rs. 62,45,000/- (Rupees Sixty Two Lakhs and Forty Five Thousands Only). The details of the Bank Guarantee are as follows:

Name of Bank	Details of Bank Guarantee	Amount in Rs.
South Indian Bank	Bank Guarantee No. 0315BG000012019 Dated 07.03.2019	62,45,000/- (Rupees Sixty Two Lakhs and Forty Five Thousands Only)

Please accept this bank guarantee and acknowledge the same so as to enable us to submit it to MoEF & CC for obtaining Environmental Clearance.

Thanking you,

Yours respectfully,

For St. Gregorios International Cancer Care Centre

Fr. M.C. Paulose (C.E.O.)

Encls: As above



SOUTH Bank

(Controlling office)

SI. No.

007498

Full Address of the issuing Branch	SOUTH TNDIAN BONK JCI TOWERS MUTTAMBALAM P.O KANLI KUZHY, KOTTAYAM-68600
This coverin	g letter is issued to be annexed to
Bank Guarantee No.	0315 BG000012019.
Dated	
For the amount of	07-03-2019. ₹62,45,000/-
Valid till	05-03-2024.
Issued by this office under the joint signatures of	1) Mr/Ms. Jerry George
	2) Mr/Ms. Devan P.S.
onfirmation of this Guarantee may be obtained fi	rom the controlling office of the bank, details of which are given be
Address of the controlling office	The South Indian Bank Ltd., Regional Office Researcy Square Dr Collectorate Mortagam-
	no Collectorate Fortagan-
Beneficiary's Name and address	Herala State Polluzion Control Boad Head Office, Pattom P.O Third Vanthapuram.



கேരஓo केरल KERALA

28AA 154318

BANK GUARANTEE

Kerala State Pollution Control Board Thiruvana thapuram District, Kerala

Bank Guarantee No: 0315BG000012019

Dated: 07-03-2019

(5 years validity) Expired Date: 05-03-2024

Guarantee Amount Rs. 62,45,000/-

We, The South Indian Bank Limited, Having its Registered Office at SIB House, T.B. Road, Mission Quarters, Thrissur-680001 (Name of Bank)having branch office at VI/29 G Kanjikuzhy Junction, Muttambalam P O Kanjikuzhy, 686004 Hereby undertake and keep indemnified for the St. Gregorios International Cancer Care Centre at Kadapra Village, Thiruvalla Taluk, Pathanamthitta District, Kerala To the extent of Rs. 62,45,000/- (Rupees Sixty Two Lakhs Forty Five Thousand Only) against any loss caused to or suffered by St. Gregorios International Cancer Care

For The South Indian Banja Itd. For The Sou

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Centre by reason of Non-payment or non-compliance or any Tax in respect of Rs. 62,45,000/ (Rupees Sixty Two Lakhs Forty Five Thousand Only) guarantee issued on the request of above St. Gregorios International Cancer Care Centre at Kadapra Village, Thiruvalla Taluk, Pathanamthitta District, Kerala. Bank guarantee is valid up to 05-03-2024. Notwithstanding anything contended therein.

- Our fability under this bank guarantee No. 0315BG000012019.shall not exceed 62,45,000/- (Rupees Sixty Two Lakhs Forty Five Thousand Only).
- 2. Bank guarantee is valid up to 05-03-2024 (5 years)
 - 3. We are liable to pay the guarantee amount of any these under this bank guarantee and only if you serve upon us a written claim or demand on or before 05-03-2024.

 For The South Indian Bank Ltd.

Date: 07-03-2019

Place: Kanjikuzhy

For The South Indian Bank Ltd.

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F. No. 23-65/2018-IA-III Government of India Ministry of Environment, Forest and Climate Change (Impact Assessment Division)

Indira Paryavaran Bhavan, Jor Bagh Road, New Delhi- 3

Date: 6th March, 2019

To,

The Member Secretary, Kerala State Pollution Control Board, Pattom P.O., Thiruvananthapuram - 695 004, Kerala, (E Mail: ms.kspcb@gov.in)

Subject: Expansion of existing hospital project at Kadapra Village, Pathanamthitta (Kerala) by M/s St. Gregorios International Cancer Care Centre - Submission of Bank Guarantee reg.

Sir.

This has reference to proposal No. IA/KL/NCP/70240/2017 dated 11th October, 2017 (Earlier applied on 20th May, 2017) from M/s St. Gregorios International Cancer Care Centre for Expansion of existing hospital project at Kadapra Village, Pathanamthitta (Kerala), along with the application in prescribed format (Form-I), for consideration under the provisions of S.O. 804 (E) dated 14th March, 2017.

- 2. The Ministry has issued a Notification vide S.O.804 (E) dated 14th March, 2017 for appraisal of projects for grant of terms of reference/environmental clearance, which have started the work on site, expanded the production beyond the limit of environmental clearance, or changed the product mix without obtaining prior environmental clearance under the EIA Notification, 2006.
- 3. As per the above said Notification, in cases of violation, action is to be taken against the project proponent by the respective State Government or the State Pollution Control Board under the provisions of the Environment (Protection) Act, 1986 and further, no consent to operate or occupancy certificate to be issued till the project is granted environmental clearance.
- 4. The said project/activity is covered under Category 'B' of item 8(a) of the schedule to the EIA Notification, 2006, and requires prior EC based on the appraisal by SEAC, Kerala. However, due to non-existence of SEIAA/SEAC in Kerala, the proposal is appraised at Central level by sectoral EAC.
- 5. The Terms of Reference (ToR) for the project was granted by MoEFCC vide letter No. 23-65/2018-IA-III dated $19^{\rm th}$ April, 2018.
- 6. The proposal for environmental clearance was considered by the Expert Appraisal Committee (EAC) for projects relating to violation of the EIA Notification,

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Page 1 of 3

2006, in terms of the provisions of the Ministry's Notification dated 14th March, 2017, in its meetings held on 18-20 September, 2018 and 27-29 November, 2018 in the Ministry. The Committee has recommended the proposal for environmental clearance subject to compliance of certain conditions, including the following:

- I. Total budgetary provision with respect to Remediation plan and Natural &Community Resource Augmentation plan is rupees 62,45,000/-. Therefore, project proponent shall be required to submit a bank guarantee of an amount of Rupees 62,45,000/- towards Remediation plan and Natural and Community Resource Augmentation plan with the SPCB prior to the grant of EC.
- II. Remediation plan shall be completed in 3 years whereas bank guarantee shall be for 5 years. The bank guarantee shall be released after successful implementation of the EMP, followed by recommendations of the EAC and approval of the regulatory authority.
- III. The PP shall submit the proof of credible action taken by the concerned state government/ state pollution control board under the provisions of the section 19 of the Environment Protection Act 1986 to the MoEF&CC.
- IV. Fund allocation for Corporate Environment Responsibility (CER) of Rs. 1.922 crores (2% of project cost).
- V. Approval/permission of the CGWA/SGWA shall be obtained before drawing ground water for the project activities. State Pollution Control Board (SPCB) concerned shall not issue Consent to Operate (CTO) till the project proponent obtains such permission.
- VI. The PP shall construct rain water storage tank of capacity 2,200 KL (equivalent to 11 days of daily fresh water requirement).
- 7. As per the provisions contained in the Ministry's Notification dated 14th March, 2017, the project proponent is required to submit a bank guarantee equivalent to the amount of remediation plan and natural and community resource augmentation plan with the State Pollution Control Board and the quantification will be recommended by EAC and finalized by Regulatory Authority and the bank guarantee shall be deposited prior to the grant of EC and will be released after successful implementation of the remediation plan and Natural and Community Resource Augmentation Plan, and after the recommendation by Regional Office of the Ministry, Expert Appraisal Committee and approval of the Regulatory Authority.
- 8. Based on the recommendations of the EAC and as per the Notification dated 14th March, 2017, the Ministry has now asked the project proponent to submit a bank guarantee of Rs. 62,45,000/- with the State Pollution Control Board for consideration of their project for environmental clearance.
- 9. It is requested that the Ministry may be intimated regarding receipt of bank guarantee of Rs. 62,45,000/- by the SPCB from M/s St. Gregorios International Cancer Care Centre. The bank guarantee shall be released after successful implementation of the remediation plan and natural and community resource augmentation plan, and after



the recommendation by Regional Office of the Ministry, Expert Appraisal Committee and approval of the Regulatory Authority.

This issues with approval of the competent authority.

≪ట్రుని (Kushal Vashist) Director

Copy to:-

- The Addl. Principal Chief Conservator of Forests (Central), Ministry of Environment, Forests and Climate Change, Regional Office (SZ), Kendriya Sadan, 4th Floor, E&F Wing, II Block Koramangala, Bengaluru-560034.
- Shri Poulose, CEO, M/s St. Gregorios International Cancer Care Centre, Parumala P.O., Thiruvalla, District Pathanamthitta - 689626, Kerala,
- 3. Guard File/Monitoring File/Website/Record File.

(Kushal Vashist) Director

F. No. 23-65/2018-IA-III Government of India Ministry of Environment, Forest and Climate Change (Impact Assessment Division)

Indira Parvavaran Bhavan, Jor Bagh Road, New Delhi- 3

Date: 6th March, 2019

To,

Shri Poulose, CEO M/s St. Gregorios International Cancer Care Centre Parumala P.O., Thiruvalla, District Pathanamthitta - 689626, Kerala E Mail: sgmhospital@gmail.com

Subject: Expansion of existing hospital project at Kadapra Village, Pathanamthitta (Kerala) by M/s St. Gregorios International Cancer Care Centre- Submission of Bank Gurantee reg.

Sir,

This has reference to your proposal No. IA/KL/NCP/70240/2017 dated 11th October, 2017 (Earlier applied on 20th May, 2017) from M/s St. Gregorios International Cancer Care Centre, along with the application in prescribed format (Form-I), for consideration under the provisions of S.O. 804 (E) dated 14th March, 2017.

- The Ministry has issued a Notification vide S.O.804 (E) dated 14th March, 2017 for appraisal of projects for grant of terms of reference/environmental clearance, which have started the work on site, expanded the production beyond the limit of environmental clearance, or changed the product mix without obtaining prior environmental clearance under the EIA Notification, 2006.
- As per the above said Notification, in cases of violation, action is to be taken against the project proponent by the respective State Government or the State Pollution Control Board under the provisions of the Environment (Protection) Act, 1986 and further, no consent to operate or occupancy certificate to be issued till the project is granted environmental clearance.
- The said project/activity is covered under Category 'B' of item 8(a) of the schedule to the EIA Notification, 2006, and requires prior EC based on the appraisal by SEAC, Kerala. However, due to non-existence of SEIAA/SEAC in Kerala, the proposal is appraised at Central level by sectoral EAC.
- The Terms of Reference (ToR) for the project was granted by MoEFCC vide letter No. 23-65/2018-IA-III dated 19th April, 2018.

- 6. The proposal for environmental clearance was considered by the Expert Appraisal Committee (EAC) for projects relating to violation of the EIA Notification, 2006, in terms of the provisions of the Ministry's Notification dated 14th March, 2017, in its meetings held on 18-20 September, 2018 and 27-29 November, 2018 in the Ministry. The Committee has recommended the proposal for environmental clearance subject to compliance of certain conditions, including the following:
 - I. Total budgetary provision with respect to Remediation plan and Natural &Community Resource Augmentation plan is rupees 62,45,000/-. Therefore, project proponent shall be required to submit a bank guarantee of an amount of Rupees 62,45,000/- towards Remediation plan and Natural and Community Resource Augmentation plan with the SPCB prior to the grant of EC.
 - II. Remediation plan shall be completed in 3 years whereas bank guarantee shall be for 5 years. The bank guarantee shall be released after successful implementation of the EMP, followed by recommendations of the EAC and approval of the regulatory authority.
- III. The PP shall submit the proof of credible action taken by the concerned state government/ state pollution control board under the provisions of the section 19 of the Environment Protection Act 1986 to the MoEF&CC.
- IV. Fund allocation for Corporate Environment Responsibility (CER) of Rs. 1.922 crores (2% of project cost).
- V. Approval/permission of the CGWA/SGWA shall be obtained before drawing ground water for the project activities. State Pollution Control Board (SPCB) concerned shall not issue Consent to Operate (CTO) till the project proponent obtains such permission.
- VI. The PP shall construct rain water storage tank of capacity 2,200 KL (equivalent to 11 days of daily fresh water requirement).
- 7. As per the provisions contained in the Ministry's Notification dated 14th March, 2017, the project proponent is required to submit a bank guarantee equivalent to the amount of remediation plan and natural and community resource augmentation plan with the State Pollution Control Board and the quantification will be recommended by EAC and finalized by Regulatory Authority and the bank guarantee shall be deposited prior to the grant of EC and will be released after successful implementation of the remediation plan and Natural and Community Resource Augmentation Plan, and after the recommendation by Regional Office of the Ministry, Expert Appraisal Committee and approval of the Regulatory Authority.
- 8. The Ministry accepts the recommendations of the EAC (violation) regarding quantum of bank guarantee towards remediation plan and natural and community resource augmentation plan. In this regard, you are required to submit the bank guarantee of Rs. 62,45,000/- (Sixty Two Lakhs Forty Five Thousands only) with the State Pollution Control Board for consideration of the project for environmental clearance. The bank guarantee shall be released after successful implementation of the



remediation plan and natural and community resource augmentation plan, and after the recommendation by Regional Office of the Ministry, Expert Appraisal Committee and approval of the Regulatory Authority.

9. This issues with approval of the competent authority.

⊘0,‱ Kushal Vashis

(Kushal Vashist) Director

Copy to:-

1. The Member Secretary, Kerala State Pollution Control Board, Pattom P.O., Thiruvananthapuram - 695 004, Kerala - with the request to confirm receipt of the bank guarantee from the project proponent, as stated above.

Copy for information to:-

- The Addl. Principal Chief Conservator of Forests (Central), Ministry of Environment, Forests and Climate Change, Regional Office (SZ), Kendriya Sadan, 4th Floor, E&F Wing, II Block Koramangala, Bengaluru-560034.
- Guard File/Monitoring File/Website/Record File.

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(Kushal Vashist) Director