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GOVERNMENT MEDICAL COLLEGE Idukki

January 2026



GOVERNMENT MEDICAL COLLEGE Idukki

**Health and Family Welfare Department
Government of Kerala**

KERALA.HEALTH

**GOVERNMENT MEDICAL COLLEGE
Idukki
Comprehensive Institutional Documentation**

**Health and Family Welfare Department
Government of Kerala**

KERALA.HEALTH



Message



GOVERNMENT OF KERALA

Pinarayi Vijayan
CHIEF MINISTER

No.109/Press/CMD/26

24 January, 2026.

MESSAGE

Kerala's public health system has long been recognised for its commitment to quality, equity, and people-centred care and support. Medical College Hospitals play a key role, functioning not only as apex institutions for tertiary care but also as centres of excellence for medical education, research, and innovation.

The Government is developing Kerala as a 'Knowledge Economy' by laying a strong edifice of various institutions including Medical Colleges. The Medical College Hospital document showcases this commitment through its comprehensive clinical services, specialised departments, and advanced diagnostic and therapeutic facilities developments. It is playing a crucial role in training generations of doctors, nurses, and allied health professionals who serve both within Kerala and beyond all over the world.

This document is an important effort to present the services, achievements, academic activities, innovations, and future vision of the Medical College Hospital to people. It provides valuable insights for policymakers, administrators, and health professionals striving to strengthen Medical Colleges and make them Centres of Excellence.

I commend the dedicated efforts of the entire team who have contributed to the growth of this institution and in preparing this document.

I wish all the success to future endeavours.

Pinarayi Vijayan

The Addl. Chief Secretary
Health Dept.
Email: acskeralahealth1@gmail.com



Smt. Veena George

Minister for Health &
Family Welfare
and Woman & Child Welfare
Development
Government of Kerala

Message

Medical College Hospitals form the backbone of the tertiary health-care delivery system, serving a dual role as centres of advanced patient care and as institutions for teaching, training, and research. Over the years, the Medical College Hospitals have evolved into comprehensive health-care hubs, providing specialized services to people and nurturing generations of competent medical and allied health professionals.

The Medical College Hospital stands as a testimony to the strength of the public health infrastructure, and access to quality tertiary care. Medical Colleges with its multidisciplinary departments, advanced diagnostic and therapeutic facilities, and dedicated workforce, are playing a pivotal role in addressing the complex health needs, and responding effectively to the tertiary healthcare.

This document systematically captures the services, achievements, innovations, academic activities, and future directions of the Medical College Hospital. It guides not only for institutional review but also for sharing best practices, and proposing policy decisions aimed at further improving health outcomes.

I appreciate the collective efforts of the Medical College Team who have contributed to the growth of this institution.

I also appreciate the contribution of the doctors, paramedical staff and support staff for preparation of such an extensive document.

I wish success in all future endeavours.



Veena George



Preface

The Government has been taking various initiatives to build up a 'knowledge economy'. It gives mandate to build institutions entrusted with the responsibility of knowledge transfer in the respective domain areas. The Department of Health and Family Welfare has been taking a multipronged approach for development of health sector. Aardram Mission-1 focused at infrastructure development and Aardram Mission – Nav Kerala Karma Padhathi-2 continued its focus on various health programs and health system improvement measures.

The Department has given utmost importance towards the foundational field of Medical Education. Over time, our various medical colleges and medical college hospitals have been further developed by improving infrastructure, designing patient focused facilities, procuring various modern diagnostic equipment and measures and implementing state-of-the-art treatment avenues. These initiatives are supported by human resource management as well as human resource development. Strong governance of medical education and tertiary healthcare institutions development have resulted into qualitative improvement in health service delivery to all.

While discussing with the team, it was felt that a detailed document of these developments will not only inform regarding developments but it will also help to plan pragmatic future developments in medical colleges and improve health service delivery. The present generation of students will know their institution better and will take a pride in the fact the way these institutions are delivering the results.

This Medical College documentation initiative has been taken with the objective of providing a comprehensive overview of the institution's academic, clinical, administrative, and developmental dimensions. The documentation follows a structured framework covering institutional history, academic offerings, departmental facilities, human resource profile, infrastructure development, specialised programmes, research initiatives, and financial allocation. This approach enables systematic assessment of institutional performance, facilitates benchmarking across medical colleges, and supports informed decision-making at the departmental and policy levels.

Government Medical Colleges are complex institutions that integrate education, service delivery, and research. Effective planning for such institutions demands clarity on capacities, gaps, and future priorities. The preparation of this document has also

strengthened internal coordination, data consolidation, and accountability mechanisms within the institution. Medical Colleges are the worlds within worlds. This was not a simple task. It took months to prepare the documents! Even though to begin with there were questions regarding need of documenting, the teams took continuous efforts and the documents are prepared. The reader may feel that there a few things missed out but these documents will be always the foundation for the next editions and the posterity will understand about its value and utility.

I commend the collective efforts of those who have taken committed efforts to complete the tasks. Principals, hospital superintendents, faculty, administrative teams, and departmental units involved in this exercise.

The institutions are built by all working in the institutions right from the cleaners, security guard to the Principal and Superintendents. The students, both the undergraduate and postgraduate, have the idealism and energy. They should also contribute in a big way to betterment of systems and processes. The seniors should build such enabling environment that encourages taking initiatives in various field of medical science. It is our confidence that such 'thinking students' will not only understand the deeper meaning of gaining knowledge and skills but also put it to practice for the betterment of the society.

I am confident that this document will serve as a valuable reference for policymakers, administrators, and academic leaders, and will contribute meaningfully to the continued strengthening of Government Medical Colleges in Kerala and become the Centre of Excellence.

Dr Rajan Khobragade IAS

Additional Chief Secretary
Health & Family Welfare and
AYUSH Department
Govt of Kerala.



Message

Government Medical College, Idukki is steadily developing as an institution of medical education, healthcare, and research. Since its inception, it has focused on building essential services and training medical professionals to serve the region and state.

This Health Document outlines its foundational journey, highlighting academic programs, clinical services, infrastructure, and emerging research initiatives. It reflects the institution's commitment to quality care and medical advancement. I commend the principal, faculty, and staff for preparing this comprehensive report. It will serve as a valuable reference for planning and policy, supporting the Directorate of Medical Education in strengthening Government Medical Colleges across Kerala.

I am confident that this compilation will aid the Government Medical College, Idukki in furthering its contributions to medical training, research, and patient care.

Dr. K. V. Viswanathan
Director of Medical Education
Government of Kerala

Message



This health document reflects the foundational efforts of our newly established Government Medical College, Idukki, as we work towards creating a strong and sustainable framework for medical education and healthcare delivery. Established in 2014, we are in the process of building essential academic structures, strengthening clinical services, and establishing systems that will support quality teaching, patient care, and community health in the hilly terrains we serve.

The contents of this publication outline our initial developments, departmental progress, and the evolving services designed to meet community needs. Although we are at an early stage, the commitment of our faculty, staff, and students has set the groundwork for a progressive and dynamic learning environment.

This document aims to guide our future growth, support strategic planning, and ensure that we remain aligned with the standards expected of a modern medical college. It is our hope that this compilation will serve as a valuable reference as the institution advances toward excellence in medical education and healthcare services.

Dr. Tomy Mappalakayil

Principal

Government Medical College, Idukki

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CHAPTER 1

MEDICAL COLLEGE HOSPITAL- OVERVIEW

1.1 History of GMC Idukki

The Government Medical College (GMC), Idukki was started in the year 2014 under the Medical Education Department, by upgrading the District Hospital, Idukki, as per the G.O(Rt) No.2363/2014/H & FWD dated.11.07.2014.

The admission for MBBS course started in the year 2014 with an annual intake of 50 students per year. Admissions were conducted for two batches — one in 2014 and the other in 2015, and then due to the lack of MCI affiliation, the admission process stopped and the students who were studying in this college were shifted to other Government Medical Colleges under the Medical Education Department.

In 2022, after improving the infrastructure facilities GMC, Idukki got approval from the National Medical Commission for 100 MBBS admissions. At present, the college is functioning with four batches of MBBS students with an approved total of 400 seats. A nursing college was started in the campus in 2023 with an annual intake of 60 students, in accordance with the regulations of the Indian Nursing Council.

Table 1: Courses and admissions

	Total approved strength	Present strength
MBBS students	400 (100 x 4 batches)	399
BSc Nursing students	180 (60 x 3 batches)	180
Senior Residents	51	26
Non – Academic Junior Residents	33	26
Foreign Medical Graduate interns	60	58
Foreign Medical Clerkship candidates	60	55

GMC, Idukki operates as a comprehensive teaching medical institution providing integrated medical education, patient care, and research activities across diverse clinical and para-clinical specialties. All departments function aligned with Competency Based Medical Education (CBME) guidelines and Kerala University of Health Sciences (KUHS) standards, emphasizing competency-based education with structured logbooks and portfolio-based learning.

The institution demonstrates consistent commitment to patient safety, quality improvement through regular audits, and integration of research methodologies into academic programs, reflecting excellence in medical education and healthcare delivery. As a tertiary care centre in a geographically challenging region, GMC Idukki serves the healthcare needs of the district while training the next generation of competent medical graduates.

GMC Idukki has a potential for expansion of postgraduate and academic standards through strategic development of human resources and institutional capacity. All departments in the college are eligible to apply for two postgraduate seats each. This expansion can significantly strengthen patient care delivery and enhance the academic standards of the institution. The proposal in this regard was already submitted in April 2025.

1.2 Administration

The GMC, Idukki was established in the year 2014 under the Medical Education Department, by upgrading the District Hospital, Idukki, as the G.O(Rt) No.2363/2014/H & FWD dated.11.07.2014.

The GMC, Idukki is functioning under a **dual administrative system** with the effective involvement of the staff appointed by the Director of Medical Education and the Director of Health Sciences.

The Principal is the head of the institution. The Hospital Superintendent and Resident Medical Officer (RMO) are currently the staff of District Hospital. The Administrative Officer and the Accounts officer, appointed by Govt. of Kerala, assist the Principal in matters related to administration and accounts.

Table 2 Staff Strength

DME staff strength (sanctioned)		DHS staff strength	
Teaching Faculty – Doctors	84	PSC	201
Non-teaching staff	57	HDS	46
Out sourced/ contract staff	82	KASP	16
		NHM	59
Total	223		322

CHAPTER 2

MCH DASHBOARD

2.1 MCH Fact Sheet regarding the Department and Facilities

GMC, (GMC) Idukki is a premier tertiary care teaching institution offering comprehensive medical education and patient care services. This fact sheet provides an overview of the key departments, academic activities, and patient care facilities at the institution.

2.2 Under Graduate Courses

Departments and Services

1. Anatomy

Academic Activities

- Conducted regular theory and practical classes for Phase I MBBS students and supplementary students as per CBME guidelines. Delivered theory classes for BSc Nursing students as per KUHS curriculum. Conducted University theory and practical examinations.
- Foundation Course for 4th MBBS batch commenced in Oct 2025.
- Block-1 Electives for 2022 batch with structured logbook and portfolio-based learning.
- Teaching methods included interactive lectures, Small Group Discussions (SGDs), Self Directed Learning (SDL), Demonstration-Observation-Assistance-Performance (DOAP), seminars, logbook documentation, formative and summative assessments, early clinical exposure, core competency development and horizontal/vertical integration.

Facilities

- Adequate cadavers, histology slides and bones are available for undergraduate training
- Museum displays (embryology models, congenital anomalies, sectional anatomy) and radiology films (X-ray, CT, MRI) for Phase I teaching.

Public services

- 1. Human dead body embalming is done free of cost for transportation to distant places or foreign countries. (After police clearance and with proper documentation).
- 2. Facilities for voluntary human body donation, and public awareness campaigns are available

2. Anaesthesiology

Academic Activities

- Conducted Basic Life Support (BLS) training for all first-year MBBS students with hands on practice on mannequins.
- Phase III Part 1 electives and supervised clinical anaesthesia training.
- Pre-operative assessment, OT rotations, case discussions.

Patient Care Services

- Offers 24×7 emergency and perioperative anaesthesia services.
- Conducts emergency and elective OT coverage for all surgical specialties.
- Operates pre-operative clinics, intra-operative monitoring, post-operative pain management, regional anaesthesia, difficult airway management.
- Provides multidisciplinary support including ICU and trauma care.

3. Biochemistry

Academic Activities

- Successfully conducts Foundation Course for MBBS batches.
- Conducts regular theory and practical classes with CBME-aligned teaching-learning methods.
- Hands-on training in clinical biochemistry (qualitative and quantitative tests, dipsticks, glucometer use).
- Museum study, logbook documentation, internal assessments, remedial sessions.
- Implemented Mentor–Mentee system.

- Electives are offered for Phase III students in basic science research and pre-analytical errors.
- Conducts nursing teaching activities, including theory classes, seminars, and assessments, as per KUHS guidelines

Patient Care

- Providing support to Central Biochemistry laboratory services, which is currently under the DHS.
- Donated automated biochemistry and electrolyte analysers to the central lab.

4. Dermatology & Venereology

Academic Activities

- Conducts CBME-aligned teaching for Phase II and Phase III students.
- Teaching activities include SGDs, SDLs, logbook-based learning and Objective Structured Clinical Examination (OSCE) examinations.
- Offers electives with structured portfolios.

Patient Care Services

- Offers Out Patient (OP) and In Patient (IP) services.
- Performs dermatological procedures including biopsies, electrosurgery, cauterly and intralesional injections.
- Provides Interdepartmental consultation services

Other Academic Activities

- Conducts trainings for Foreign Medical Graduate (FMG) interns.
- Organisation of academic sessions for Non-Academic Junior Resident (NAJR) and Continuing Medical Education (CME) programs.

5. ENT (Otorhinolaryngology)

Academic Activities

- Conducts CBME-based teaching across Phase II and Phase III.

- Offers electives, case discussions, Attitude Ethics and Communication (AETCOM) sessions, skill lab activities.

Patient Care Services

- Provides 24×7 casualty and ENT emergency OT services.
- Runs OPD services including endoscopy, audiology, and speech therapy.
- Provides IP care and undertakes elective OT procedures.
- Conducts community screening and awareness programmes.

6. Forensic Medicine

Academic Activities

- Conducts CBME training for Phase II and Phase III students.
- Provides practical sessions, clinical forensic medicine, autopsy initiation, structured logbooks.
- Conducts mock practical examinations and Objective Structured Practical Examination (OSPE)/Objective Structured Clinical Examination (OSCE).

Medico-legal Services

- Conducts Postmortem examinations (daily including holidays).
- Provides clinical forensic examinations.

7. General Medicine

Academic Activities

- Conducts CBME-based teaching across all phases of MBBS.
- Offers electives, clinical postings, SGDs, SDL, seminars, skill lab training (Lumbar puncture, pleural/ascitic taps, bone marrow, central line insertion).

Patient Care Services

- Provides 24×7 emergency and acute medical care services, including management of Acute Coronary Syndromes (ACS) and stroke.
- Availability of 12-bedded ICU, OP and IP services.
- Availability of Dialysis unit.

- Provides Anti-Retroviral Therapy (ART)/Jyothis clinic services.
- Offers multidisciplinary consultations.

Medical Audit

- Conducts monthly audit for quality improvement.

8. General Surgery

Academic Activities

- Offers CBME-based training across all MBBS phases.
- Provides training for FMG interns and clerkship candidates.
- Organises NAJR academic sessions.
- Conducts OPD clinics, bedside clinics, SGDs, SDL, seminars, electives.
- Provides improvised and innovative Skill lab sessions including suturing, knotting, minor surgical procedures. .

Patient Care Services

- Provides 24×7 emergency surgical care services.
- Emergency OT and ICU care services are provided in coordination with the Dept. of General Medicine.
- Provides OPD, IP, Minor OT, Main OT services.
- Offers multidisciplinary consultations.

9. Microbiology

Academic Activities

- Conducting Phase II MBBS Microbiology curriculum.
- Utilises SGDs, SDLs, seminars, logbook-based learning.
- Conducts foundation course sessions on Standard Precautions.
- Co-ordinated Phase II academics for 2024–25 MBBS batch.
- Conducts BSc Nursing teaching and evaluation activities.

Patient Care Services

- Provides microscopy, culture, sensitivity testing services.
- Conducts sterility testing for OTs, ICUs and peripheral hospitals.
- Participates in infection control and Anti-Microbial Resistance (AMR) surveillance (KARSNET).

10. Obstetrics & Gynaecology

Academic Activities

- Conducts CBME-aligned teaching for Phase II and Phase III.
- Teaching-learning methods include lectures, SGDs, OPD postings, OT visits, case discussions, logbook certification.
- Conducts elective posting as per National Medical Commission (NMC) norms.

Patient Care Services

- Provides OPD services including antenatal care, gynecology, Family planning services, infertility work-up.
- Operates 24×7 Labour Room and OBG Casualty services.
- Provides POCSO related and medicolegal services.
- Offers elective OT services on weekly basis.
- Conducts Awareness programs on breast and cervical cancer screening.

11. OMFS (Dental)

Academic Activities

- Conducted one-week clinical training for phase II students providing general orientation about the dental procedures, management of maxillofacial trauma and pathologies including case discussions.
- Conducts interactive lectures on common dental diseases, maxillofacial trauma, pathologies including oral pre malignant diseases, oral cancer management and orthognathic surgical procedures

Patient Care Services

- Operates 24×7 emergency dental/ Oral Maxillo -Facial trauma care services.
- Conducts minor surgical procedures, extractions, restorations, dentures.
- Provides Dental implant services.
- Offers elective OT services for Oral Maxillo-Facial surgeries.

12. Orthopedics

Academic Activities

- Conducts CBME-based teaching across all MBBS phases.
- Provides skill lab practice in suturing, splinting, minor procedures.
- Offers electives with structured logbooks.

Patient Care Services

- Provides 24×7 trauma and emergency care services.
- Offers emergency and elective OT services including arthroscopy.
- Provides OPD and IPD services.
- Provides multidisciplinary trauma care services.

13. Pathology

Academic Activities

- Conducts CBME-based teaching for MBBS and Nursing students.
- Utilises theory, practicals, SGDs, SDL, seminars, lab postings.
- Provides hands-on training in hematology, cytology, urine analysis.
- Offers electives in medicolegal autopsy, cytology, hematology.
- Conducts museum training and operates a mentor–mentee system.

Patient Care Services

- Provides histopathology, cytology, hematology, clinical pathology services.
- Offers Fine Needle Aspiration Cytology (FNAC) services.
- Participation in Government cancer screening program “Arogyam Anandham.”

14. Paediatrics

Academic Activities

- Conducts CBME based teaching across all phases covering topics such as growth and development, immunisation, paediatric procedures, neonatal resuscitation, BLS.
- Teaching-learning methods includes SGDs, SDL, seminars, home assignments, library work.
- Conducts UG quizzes, breastfeeding awareness, electives.

Patient Care Services

- Operates 24x7 emergency and Paediatric Casualty services.
- Provides IP care, OPD clinics, immunisation services and development clinics.
- Collaborative activities with District Early Intervention Centre (DEIC).

Audit & Research

- Conducts regular morbidity and mortality audits.
- Planned research on Reactive Airway Diseases (RAD), developmental outcomes.

15. Pharmacology

Academic Activities

- Conducts CBME-based Phase II teaching including clinical pharmacology, communication skills, AETCOM and pandemic module.
- Conducts skill lab sessions for drug administration through all routes.
- One faculty has undergone Basic Course in Medical Education (BCME) training

Patient care services

- Undertakes pharmacovigilance and prescription audit activities
- Operates an Adverse Drug Reaction (ADR) Monitoring Centre under Pharmacovigilance Program of India.

16. Physiology

Academic Activities

- Conducts Phase I MBBS theory and practicals, including coordination of 2024–25 academics.
- Offers electives for 20 Phase III students.
- Conducts teaching for BSc Nursing students.

17. Psychiatry

Academic Activities

- Conducts CBME-based teaching for Phase III students (Part I).
- Provides training in mental status examination, history taking and management of anxiety and depression, addiction disorders.
- Maintains Logbook documentation and conducts end-posting examinations.

Patient Care Services

- Provides OPD services and has recently initiated IP services.
- Provides Consultation-liaison psychiatry services.

18. Pulmonary Medicine

Academic Activities

- Conducts electives in X-ray interpretation and key pulmonary topics for phase III students.

Patient Care Services

- Provides OPD and IP care services
- Provides ICU support.
- Performs Thoracocentesis and tube thoracostomy procedures.
- Conducts Pulmonary Function Test (PFT), bronchoscopy, biopsies.
- Provides TB care and multidisciplinary consultation

19. Radiodiagnosis

Academic Activities

- Offers electives in emergency radiology with structured logbooks.

Patient Care Services

- Provides 24×7 digital X-ray and CT.
- Ultrasonography with Doppleris available
- Provides Mammography services.

20. Transfusion Medicine

Academic Activities

- Provides early clinical exposure for Phase I students.
- Conducts practical classes for Phase II students.
- Offers elective modules for phase III students

Patient Care Services

- Provides licensed blood components- Whole Blood, PRBC, Platelets, FFP, Cryoprecipitate.
- Functions as the only Government blood bank in Idukki district; supports public and private hospitals.
- Implements Hemovigilance and donor-vigilance programmes.

No Postgraduate or Super Specialty courses in Govt. MCH Idukki

CHAPTER-3

DETAILS OF HEALTH FACILITIES

3.1 MCH Department wise Details

1. Anaesthesiology

- Offers 24×7 Emergency & Casualty Services for acute surgical and trauma cases requiring immediate anaesthetic management
- Provides emergency Operating Theatre (OT) services for trauma resuscitation and emergency surgical procedures
- Conducts elective major OT procedures covering all surgical specialties with modern monitoring equipment
- Functions Pre-operative assessment clinics ensuring optimal patient preparation and informed consent
- Provides intra-operative monitoring using multi-parameter monitors, brain function monitoring, and neuromuscular monitoring devices
- Provide Post-operative care services including recovery room management and pain relief strategies
- Provides regional anaesthesia for major and minor procedures
- Management of difficult airway.
- Provides interdepartmental consultations and multidisciplinary care
- Offers pain Management Services including Pre-operative analgesia - planning and assessment acute postoperative pain management using multimodal analgesia approach, chronic pain management clinics for cancer pain and non-malignant chronic pain.
- Details of OP - Routine PreAnesthetic Checkups (PAC) – All days except Sundays.

Emergency PAC services: 24 x 7

Monthly anaesthesia cases: 60 -70/month

2. Anatomy

- Provides embalming services for human dead bodies for transportation to distant places or other countries.

3. Biochemistry

- Operates Central biochemistry laboratory in concurrence with DHS

4. Dermatology & venereology

- OP Days: Monday to Thursday
- Number of patients in the OP – 100/day
- Details of minor procedures -12/ week

5. ENT (Otorhinolaryngology)

- OP Days– Monday, Wednesday, Thursday, Friday& Saturday
- OP/IP: 100/5 (Average)
- Surgeries/ week: 5 Major and 5 minor procedures
- Specific procedures: OP Endoscopy, Audiology

6. Forensic medicine

- Average Medicolegal autopsies:50-60/year
- Clinical Forensic Examination of subjects: ~ 10/year

7. General medicine

- OP Days: Monday to Saturday
- Number of OP: 100-120/day
- Number of IP: 5-10/day
- Number of ICU Patients: 12-15/week
- Dialysis services for Chronic Kidney Disease (CKD) patients: 60 -70/Week
- Number of Jyothis and ART clinic for HIV patients: 2-3/month

8. General surgery

- OP Days – Monday, Tuesday, Thursday, Friday & Saturday

- OT day - Wednesday
- Number of OP:50-60/month
- Number of IP: 80-90/ month
- Minor surgical procedures: 5/week (Only one OT day/week)
- Elective Major OT procedures: 5/week
- Laparoscopic procedures; -Nil (Due to Limited OT Facility)
- Emergency OT procedures

9. Microbiology

- Culture & Sensitivity of clinical sample tests:190-200/month
- Infection control activity and Sterility testing of OTs, Dialysis units & ICUs (from MCH and Peripheral Govt. hospitals): 30-35/month

10. Obstetrics and gynecology

- OP Days -Monday, Tuesday, Wednesday and Friday
- Elective OT Day: Thursday
- Number of OP: 950-1000/month
- Number of IP:60-70/month
- Minor surgical procedures: 22-25/month
- Elective Major OT procedures: 20-25/month
- Number of deliveries: 25-60/month

11. OMFS (Oral and Maxillofacial Surgery)

- OP days in a week: Monday to Saturday
- Number of OP: 40-45/day
- Dental extractions: 45-50/week
- Dental procedures: 50-60/week
- Elective Major OT procedures: 2/month

12. Ophthalmology

- OP Days: Tuesday to Friday
- Number of OP:100/Day
- Number of IP: 7-10/ week
- Major and minor surgical procedures: 10/week
- Specific procedures: Perimetry – Humphrey Field Analyzer (HFA), Yttrium Aluminum Garnet (YAG) Laser Capsulotomy, YAG Laser Iredectomy

13. Orthopedics

- OP Days: Monday, Tuesday, Wednesday, Thursday and Saturday.
- Number of OP:120/day
- Number of IP: 5/day
- Minor surgical procedures: 16/week
- Major OT procedures: 8/week
- Specific procedure: Arthroscopy(2/week)

14. Paediatrics

- OP Days: Monday to Saturday
- Number of OP: 50-60/day
- Number of IP: 3-4/day

15. Pathology

- Number of Histopathology/ Biopsy procedures: 40-45/month
- Cytology Laboratory Services (FNAC + Pap smear) : 25-30/month
- Haematology services: Peripheral Smear-107/month
- Autopsy procedures: 10-15/month
- Second Opinion/ Slide Review: 1-2/month

15. Pharmacology

- Adverse Drug Reactions Monitoring Centre (AMC):

16. Psychiatry

- OP Days: Monday, Tuesday, Wednesday, Thursday
- Number of OP: 45-50/day
- Number of IP: 3/day

17. Pulmonary medicine

- OP Days: Monday, Tuesday, Wednesday and Thursday
- Number of OP: 45-50/day
- Number of IP: 3/day

18. Radio diagnosis

- Emergency X ray: -1400/month
- Elective X ray: -600/month
- Emergency CT: -150/month
- Elective CT:-175/month
- Ultrasound + Doppler- Emergency: – 90/month
- Ultrasound + Doppler- Elective: -220/month
- Mammogram: 20/month

19. Transfusion Medicine

- Whole Human Blood, Packed Red Blood Cell Concentrate, Platelet Concentrate, Fresh Frozen Plasma, Cryoprecipitate issued as per treating physicians' request.

20. Emergency Medicine

- Currently under DHS
- Total number of patients: 150-175/day

21. Preventive Clinic

- OP Days: All week days
- Emergency services: 24x7
- Number of patients: 80-90/month

CHAPTER - 4**HUMAN RESOURCE PROFILE IN MCH****4.1 HR Strength (Category wise)- as on 31 March 2025****Table 3 DME Staff - Department wise Pattern**

Department	Post	Sanctioned Strength	Existing	Names of Existing Employees	Vacancy
Anatomy	Professor	1	1	Dr. Vandana L R	0
	Assoc. Prof.	1	1	Dr. P Venkatesh (Working arrangement at Kasargod)	0
	Asst. Prof.	2	2	Dr. Ananthapadmanabhan Dr. Deena Sara Mathew	0
Physiology	Professor	1	1	Dr. Pradeep C Thomas	0
	Assoc. Prof.	1	1	Dr. Sona Truman	0
	JR	2	2	Dr. Nina Mathews Dr. Arun K Prakash Dr. Oswin Sathyamoses (On deputation)	0
Biochemistry	Professor	1	0		1
	Assoc. Prof.	1	1	Dr. Simi Sam	0
	Asst. Prof.	2	2	Dr. Vipin Joseph Dr Amitha T A	0
Pharmacology	Professor	1	1	Dr. Reema T	0

	Assoc. Prof.	1	1	Dr. Sunil Kumar G	0
	Asst. Prof.	2	2	Dr. Harisankar K N Dr. Sherin C P	0
Pathology	Professor	1	1	Dr. Priya P V	0
	Assoc. Prof.	2	2	Dr. Jisha K T Dr. Nisha M Das	0
	Asst. Prof.	3	3	Dr. Atheetha R Dr. Dennis John Dr. Deepthy Mary Sobha	0
Microbiology	Professor	1	1	Dr. Beena V G	0
	Assoc. Prof.	1	1	Dr. Jyothei R	0
	Asst. Prof.	2	2	Dr. Thara Ann Jose Dr. Aju Krishnan	0
Forensic Medicine	Professor	1	1	Dr. Sheeju P A	0
	Assoc. Prof.	1	1	Dr. Anand T P	0
	Asst. Prof.	1	1	Dr. Deepu T	0
Community Medicine	Professor	1	1	Dr. Jayakrishnan T	0
	Assoc. Prof.	1	1	Dr. Rethesh K H	0
	Asst. Prof.	4	4	Dr. Abdulsathar C H Dr. Ajith Chakaravarthy Dr. Alwin Antony Dr. Syama	0

	Asst. Prof. (Biostatistics/ Statistics)	1	0		1
General Medicine	Professor	1	1	Dr. Harikrishnan R	0
	Assoc. Prof.	2	2	Dr. Suejeesh H S Dr. Aryamol M K	0
	Asst. Prof.	5	4	Dr. Josemon P George Dr. Martin George (LWA) Dr. Deepa Rose K Sam Dr. Linta Thomas (LWA)	1
Pediatrics	Professor	1	1	Dr. Leelakumary	0
	Assoc. Prof.	1	1	Dr. Sajini Varghese	0
	Asst. Prof.	2	2	Dr. Vishnuprasad V P Dr. Preethi M S (Lecturer)	0
Tuberculosis & Respiratory Diseases	Professor	0	0		0
	Assoc. Prof.	0	0		0
	Asst. Prof.	1	1	Dr. Surya Anil	0
Dermatology, Venereology & Leprosy	Professor	0	0		0
	Assoc. Prof.	1	1	Dr. Binesh V G	0
	Asst. Prof.	1	0		1
Psychiatry	Professor	0	0		0
	Assoc. Prof.	1	1	Dr. Rekha Mathew	0

	Asst. Prof.	1	1	Dr. Ramkummar G S	0
General Surgery	Professor	1	0		1
	Assoc. Prof.	2	2	Dr. Rajendran MC Dr. Santhoshkumar S	0
	Asst. Prof.	3	3	Dr. Arjun S (LWA) Dr. Rajiv Sajan Thomas (LWA) Dr. Lijo Paul	0
Orthopedics	Professor	0	0		0
	Assoc. Prof.	2	1	Dr. Dennis Antony	1
	Asst. Prof.	1	1	Dr. Pramod V K	0
Oto Rhino Laryngology	Professor	0	0		0
	Assoc. Prof.	0	0		0
	Asst. Prof.	1	1	Dr. Rajesh R	0
Ophthalmology	Professor	1	1	Dr. Anitha S	0
	Assoc. Prof.	0	0		0
	Asst. Prof.	1	1	Dr. Shabeena Basheer	0
OBG	Professor	1	1	Dr. Priya Sree (Working arrangement at TVM)	0
	Assoc. Prof.	1	1	Dr. Deepa Mathews	0
	Asst. Prof.	2	1	Dr. Amal Seenath (Lecturer)	1
Anaesthesiology	Professor	0	0		0

	Assoc. Prof.	2	1	Dr. Sunil M	1
	Asst. Prof.	4	3	Dr. Tania James Antony S (LWA) Dr. Akhil V P	1
Radio-Diagnosis	Professor	1	1	Dr. Mini M V	0
	Assoc. Prof.	1	1	Dr. Juvania P	0
	Asst. Prof.	1	1	Dr Vishnu O K	0
	Sr. Resident	0	0		0
Dentistry	Professor	0	0		0
	Assoc. Prof.	0	0		0
	Asst. Prof.	1	1	Dr. Sobitha G	0
	Asso. Prof. (additional)	1	0		1
Emergency Medicine	Asst. Prof.	1	0		1
Physical Medicine	Asst. Prof.	1	0		1
Cardiology	Asst. Prof.	1	0		1
Transfusion Medicine	Assoc. Prof.	1	1	Dr. Indu P K	0
Total		84	71		13

Summary Teaching Staff

- Total sanctioned posts: 84
- Current strength: 71

- Vacancies: 13

Table 4 Non -Teaching Staff on Working Arrangement (DME)

Category	S. No.	Name	Station/From
Staff Nurse	1	Smt. Jincy Augustaine	Kottayam
	2	Smt. Jijimol Scaria	Kottayam
	3	Smt. Nessiya Hassan	Thrissur
	4	Smt. Shabhana Mytheen	Thrissur
	5	Smt. Malarvili	Thrissur
Clerk	—	—	—
Radio Graphers	1	Sri. Mangal Kumar	Kasargod
	2	Jalal J	Trivandrum
	3	Anu S	Trivandrum

Summary:

- Total Non - Teaching Staff on Working Arrangement: 8
- Staff Nurses 5, Radiographers 3

Table 5 Non-teaching staff (DME)

Sl No	Designation	Sanctioned Strength	Existing	PEN No	Name of Existing Employee	Vacancy
1	Principal	1	1	602631	Dr.Tomy Mappalakayil	0
2	Administrative Officer	1	1	101024	Shamnad M M	0
3	Accounts Officer	1	1	338519	Mini D S	0
4	Senior Superintendent	1	1	368367	Shahina T A	0
5	Clerk	4	4	735446	Sreerenjini B	0
				995073	Alan Johnson	
				666726	Biju Sebastein	
				760810	Anumol N P	
6	Typist	1	1	735450	Naseema P S	0
7	Office Attendant	2	2	735452	Naveen P Raj	0
				968704	Jijesh C	
8	Lab Technician Grade II	3	2	515506	Raify Sebastian	1
				895575	Soorya K S	

9	ECG Technician Grade II	1	0			1
10	Security Assistant	1	0			1
11	Confidential Assistant	1	1	839761	Vineeth J	0
12	Medical Record Superintendent	1	1	368284	Pradeep V C	0
13	Medical Record Librarian Gr II	4	4	368453	Thomas Augustine	0
				393382	Vijayakumar	
				958147	Rachel Andrews	
				338294	Shilla K S	
14	Librarian Grade II	1	1	925673	Rajelekshmi P K	0
15	Librarian Grade III	1	1	870789	Sabithamol	0
16	Electrician	4	3	896157	Sreejith C	1
				368278	Kapil K Dev	

				906870	Saly P S		
17	Refrigeration Mechanic	2	1	630525	Sajadh	1	
18	Lab Assistant (Dialysis)	2	2	933341	Neethu Johnson	0	
					936664		Deepu K Das
19	Senior Nursing Officer	1	1	381136	Shaji C J	0	
20	Nursing Officer	10	10	890428	Nisha Mathew (Gr II)	0	
					729957		Bincy P K
					761160		Neethu Thomas
					630935		Saraswaty T
					763150		Dhanalekshmy M
					762443		Daise Maria Jose
					857261		Betty Babu (Gr II)
					797150		Jyothimol Joseph
					778508		Milu Mary
					904448		Bincy Thomas (Gr II)
21				CSR Technician	8		5
		672481	Donald Godwin				
		372912	Radika				

				207840	Rajan	
				329634	Ravikumar	
22	Sweeper	1	1	906883	Bijumon K A	0
23	Supervisor	2	0			2
24	Statistician	1	0			1
25	Superintendent CWS	1	0			1
26	Curator	1	0			1
	Total	57	44			13

Summary: Non-teaching Staff DME

- Total Sanctioned Strength: 57
- Present Strength: 44
- Total Vacancies: 13

Table 6 List of Outsourced Staff

Sl No	Category	Sanctioned Strength	Present Strength	Vacancy	Remarks
1	Clerk	2	2	0	
2	Clerical Attender	4	3	1	Vacancy reported to Employment Exchange. List awaiting
3	Peon	4	3	1	Vacancy reported to Employment Exchange. List awaiting

Sl No	Category	Sanctioned Strength	Present Strength	Vacancy	Remarks
4	CA Grade II	2	2	0	
5	Veterinary Officer	1	0	1	
6	Animal Attendant	2	0	2	
7	Lab Technician	9	9	0	
8	Sweeper	6	3	3	3 vacancies reported to Employment Exchange. List awaiting
9	Typist	2	2	0	
10	Librarian Grade IV	1	0	1	
11	Library Assistant	4	0	4	4 vacancies reported to Employment Exchange. List awaiting
12	Photographer	1	0	1	
13	Artist	1	0	1	

Sl No	Category	Sanctioned Strength	Present Strength	Vacancy	Remarks
	Modular				
14	Dark Room Assistant	1	0	1	
15	Audio Visual Technician	1	0	1	
16	Attender	5	1	4	4 vacancies reported to Employment Exchange. List awaiting
17	Hospital Attendant	20	18	2	2 vacancies reported to Employment Exchange. List awaiting
18	Dhobi	12	9	3	3 vacancies reported to Employment Exchange. List awaiting
19	Receptionist	2	1	1	1 vacancy reported to Employment Exchange. List awaiting
20	Carpenter	1	0	1	
21	Painter	1	0	1	
TOTAL	TOTAL	82	53	29	

Summary

- Total Sanctioned Outsourced Posts: 82
- Current Strength: 53
- Total Vacancies: 29

Table 7 DHS Staff (PSC- Appointment)

Sl No	Specialty	Category	Name of Post	Sanctioned	Vacancy
1	Doctors (Administrative Cadre)	Deputy Director	Deputy Director (Supt.)	1	0
2	Doctors (General Cadre)	Assistant Surgeon	Assistant Surgeon	5	1
3	Doctors (General Cadre)	Assistant Surgeon	Assistant Surgeon (Casualty Medical Officer)	6	3
4	Doctors (General Cadre)	Assistant Surgeon	Assistant Surgeon (R M O)	1	1
5	Doctors (General Cadre)	Dental Assistant Surgeon	Dental Assistant Surgeon	1	0
6	Doctors (Specialty)	General Medicine	Jr. Consultant	1	0

Sl No	Specialty	Category	Name of Post	Sanctioned	Vacancy
7	Doctors (Specialty)	General Surgery	Consultant	1	1
8	Doctors (Specialty)	General Surgery	Jr. Consultant	1	0
9	Doctors (Specialty)	Obstetrics & Gynaecology	Consultant	2	0
10	Doctors (Specialty)	Obstetrics & Gynaecology	Jr. Consultant	2	0
11	Doctors (Specialty)	Paediatrics	Consultant	1	0
12	Doctors (Specialty)	Paediatrics	Jr. Consultant	2	0
13	Doctors (Specialty)	Orthopedic Surgery	Consultant	1	1
14	Doctors (Specialty)	Orthopedic Surgery	Jr. Consultant	1	0
15	Doctors (Specialty)	ENT	Jr. Consultant	2	0
16	Doctors (Specialty)	Ophthalmology	Jr. Consultant	2	0
17	Doctors (Specialty)	Anaesthesia	Jr. Consultant	2	0

Sl No	Specialty	Category	Name of Post	Sanctioned	Vacancy
18	Doctors (Specialty)	Dermatology & Venereology	Jr. Consultant	1	1
19	Doctors (Specialty)	Psychiatry	Jr. Consultant	1	0
20	Doctors (Specialty)	Forensic Medicine	Jr. Consultant	1	0
21	Doctors (Specialty)	Physical Medicine & Rehabilitation	Jr. Consultant	1	0
22	Doctors (Specialty)	Radio Diagnosis/Radio Therapy	Jr. Consultant	1	0
23	Doctors (Specialty)	TB & Chest (Resp. Medicine)	Jr. Consultant	1	0
24	Doctors (Specialty)	Dental	Jr. Consultant	1	0
25	Doctors (Specialty)	Blood Bank	Jr. Consultant	1	1
26	Others	Others	Blood Bank Technician Gr. II	2	2

Sl No	Specialty	Category	Name of Post	Sanctioned	Vacancy
27	Others	Others	Cook Gr. I	2	2
28	Dental	Others	Dental Hygienist Gr. I	1	0
29	Dental	Others	Dental Mechanic Gr. II	1	0
30	Ophthalmology	Others	District Ophthalmic Co-ordinator	1	0
31	Others	Others	Driver	2	0
32	Others	Others	ECG Technician Gr. II	1	0
33	Nursing service	Others	Head Nurse/Senior Nursing Officer	14	1
34	Others	Others	Hospital Attendant Gr. I	3	0
35	Others	Others	Hospital Attendant Gr. II	24	2

Sl No	Specialty	Category	Name of Post	Sanctioned	Vacancy
36	Lab (general)	Others	Junior Scientific Officer	1	1
37	Others	Others	LD / UD Clerk	3	0
38	Others	Others	Lab Attender	2	0
39	Lab (general)	Others	Laboratory Technician Gr. I	2	0
40	Lab (general)	Others	Laboratory Technician Gr. II	5	1
41	Others	Others	Lay Secretary & Treasurer (Sr. Supdt.)	1	0
42	Public health	Others	Medical Record Librarian Gr. II	1	0
43	Others	Others	Medical Record Attendant	1	1
44	Public health	Others	Junior Health Inspector Gr. II	1	1
45	Others	Others	Nursing Assistant	28	1

Sl No	Specialty	Category	Name of Post	Sanctioned	Vacancy
46	Nursing service	Others	Nursing Supdt. Gr. II/Deputy Nursing Supdt	1	0
47	Others	Others	Office Attendant	1	0
48	Ophthalmology	Others	Optometrist Gr. II (Ophthalmic Asst.)	1	0
49	Others	Others	Part Time Sweeper	1	0
50	Pharmacy & Medical supply	Others	Pharmacist Gr. I	2	2
51	Pharmacy & Medical supply	Others	Pharmacist Gr. II	2	1
52	Pharmacy & Medical supply	Others	Pharmacist Storekeeper	1	0
53	Others	Others	Physiotherapist	1	0
54	Others	Others	Radiographer Gr. II	3	0

Sl No	Specialty	Category	Name of Post	Sanctioned	Vacancy
55	Others	Others	Senior Grade Typist	1	0
56	Ophthalmology	Others	Senior Optometrist	1	0
57	Nursing service	Others	Staff Nurse Gr. I/Nursing Officer Gr I	23	1
58	Nursing service	Others	Staff Nurse Gr. II/Nursing Officer	25	4
59	Others	Others	X-Ray Attender	2	1
	Total	Total	TOTAL	201	30

Summary

- Total sanctioned staff: 201
- Current strength: 171
- Vacancy: 30

Table 8 DHS - NHM Staff

Sl No	Name	PEN/ID	Designation
1	Soniya K S	NHM/IDK/2172	PUBLIC RELATION OFFICER
2	Haleema K A	NHM/IDK/2139	STAFF NURSE
3	Anju Aji	NHM/IDK/2101	LAB TECHNICIAN
4	Nithina Pious	NHM/IDK/2126	LAB TECHNICIAN
5	Gilmark V.V	NHM/IDK/1540	PHARMACIST
6	Najeeb E.I	NHM/IDK/1438	STAFF NURSE
7	Sharon Thomas	NHM/IDK/1374	STAFF NURSE
8	Ambily M.J	NHM/IDK/1364	STAFF NURSE
9	Manjusha Cherian	NHM/IDK/1506	DEO
10	Siju Thomas	NHM/IDK/1515	DIETICIAN
11	Sindhu M Mathew	NHM/IDK/1637	PHYSIOTHERAPIST
12	Sabitha M.S	NHM/IDK/1636	SPECIAL EDUCATOR
13	Tony Mathew	NHM/IDK/1638	DENTAL HYGIENIST

Sl No	Name	PEN/ID	Designation
14	Sreeja K Soman	NHM/IDK/1472	INSTRUCTOR FOR HEARING IMPAIRED CHILDREN
15	Jayakumar M	NHM/IDK/1593	DEIC MANAGERS
16	Aswathy Harshan	NHM/IDK/1473	AUDIOLOGIST
17	Sophia Varghese	NHM/IDK/1407	STAFF NURSE
18	Karthika S	NHM/IDK/1531	PHYSIOTHERAPIST
19	Jaiby John	NHM/IDK/1533	PHARMACIST
20	Teslamol Tomy	NHM/IDK/1740	SPECIAL EDUCATOR
21	Asha V.S	NHM/IDK/1635	OPTOMETRIST
22	Ann Maria Joseph	NHM/IDK/1556	LAB TECHNICIAN
23	Anumol Thomas	NHM/IDK/1517	PHYSIOTHERAPIST
24	AMRUTHJITH R S	NHM/IDK/1559	LAB TECHNICIAN
25	Joslin Antony	NHM/IDK/1557	Lab Technician
26	Tincy Mol Chakko	NHM/IDK/1558	Lab Technician

Sl No	Name	PEN/ID	Designation
27	Ardramary Jose	NHM/IDK/1375	Staff Nurse
28	Krishnadas Viswambaran	NHM/IDK/1362	Staff Nurse
29	Ambily C	NHM/IDK/1425	Staff Nurse
30	Asha S	NHM/IDK/1550	Pharmacist
31	Dr. Diksy C.T	NHM/IDK/1034	Medical Officer
32	Amala Johnson	NHM/IDK/1469	Staff Nurse
33	Chinchu Varghese	NHM/IDK/1649	Gbvm Co Ordinator/Counsellor
34	Ajit K.V	NHM/IDK/1470	Staff Nurse
35	Abithamol C.H	NHM/IDK/1471	Staff Nurse
36	Mubina Fathima	NHM/IDK/1655	Deo
37	Amal P Raju	NHM/IDK/1653	Deo
38	Aparna Surendran	NHM/IDK/1758	Lab Technician
39	Midhun M R	NHM/IDK/1794	Audiometric Asst.

Sl No	Name	PEN/ID	Designation
40	Dr. A Sofia Beevi	NHM/IDK/1772	Paediatricians
41	Dr. Anjusha N	NHM/IDK/1773	Anesthetists
42	Pritty P Abraham	NHM/IDK/1817	Lab Technician
43	Muhammed Sha N	NHM/IDK/1852	Physiotherapist
44	Chillu Mathew	NHM/IDK/1857	Ah Counsellor
45	Biniya Beno	NHM/IDK/1869	Audiologist
46	Dr. Oleevia J George	NHM/IDK/1911	Dental Surgeon
47	Maria Vincent	NHM/IDK/1920	Development Therapist
48	Athulya S.B	NHM/IDK/1922	Clinical Psychologist
49	Janet George	NHM/IDK/1963	Staff Nurse
50	Dr. Elias Willy	NHM/IDK/1988	Medical Officer
51	Siyamol Sebastian	NHM/IDK/2013	Staff Nurse
52	Jyothish Joji	NHM/IDK/2016	Staff Nurse

Sl No	Name	PEN/ID	Designation
53	Anitta Joby	NHM/IDK/2015	Staff Nurse
54	Josna Mol K.J	NHM/IDK/2014	Staff Nurse
55	John Mathew		Staff Nurse
56	Able Tom		Staff Nurse
57	Santhini P K		Blood Bank Technician
58	Archana Vijayan		Optometrist
59	Meyve J		Peer Educator

Total Number of NHM Staff: 59

Table 9 DHS - KASP Staff

No.	Name	Department / Designation
1	ഉഷ മണി	കാഷ് (കാൻസർ) റിലീസ് സെന്റർ
2	മിനി സുധാകർ	ആർ.എസ്.ബി.വൈ. കൺസൾ റീജിസ്ട്രേഷൻ
3	സുപ്രിയ കെ.എം.	ലാബ് ടെക്നീഷ്യൻ
4	സോണി ജോസഫ്	സ്റ്റാഫ് നഴ്സ്
5	സിൻസി ജോസഫ്	മെഡിക്കൽ അസിസ്റ്റന്റ്
6	മനോജ്കുമാർ അഗസ്റ്റിൻ	ക്ലിനിക്കൽ സ്റ്റാഫ്

7	എൻസിൽടോം ഒക്കെയെ	പി.ആർ.ഒ
8	മിനുട്ട് എം.മോൻ	ഡയാലിസിസെക്രീഷ്യൻ
9	കാറൺഎസ്	ഡയാലിസിസെക്രീഷ്യൻ
10	സിബികെ.	ഫാർമസിസ്റ്റ്
11	ജീന ജോസഫ്	അനസ്തേഷ്യടെക്നീഷ്യൻ
12	ജോസ്സിൻഫിൻ	സ്റ്റാഫ്റ്റ്
13	നിഖിൽ കെ.ആർ	ഡാറ്റാഎൻട്രിഒപ്പറേറ്റർ (കാഷ്)
14	ആകാശ്ശിഎം.ടി	ഡയാലിസിസെക്രീഷ്യൻ
15	ഗായത്രിരാജൻ	ഐ.സി.യു. ടെക്നീഷ്യൻ
16	ഫാത്തിമസുബൈത്തുന	ഡയാലിസിസെക്രീഷ്യൻ

Total No 16

Table 10 DHS - HDS Staff

Sr No	Name	Department / Designation
1	സോഫിയമ്മജോസഫ്	കാഷ്യർ
2	സൗമ്യബിജു	ഹോസ്പിറ്റൽ അറ്റൻഡർ
3	ശ്രീമോശ്വിമലൻ	ഹോസ്പിറ്റൽ അറ്റൻഡർ
4	പ്രിൻസിപ്രസന്നൻ	ഡാറ്റാഎൻട്രിഒപ്പറേറ്റർ
5	സുശാന്തഎസ്റ്റി	ഐ.സി.യു ടെക്നീഷ്യൻ
6	സുധാമണിഎസ്	ഇലക്ട്രീഷ്യൻ
7	ബിജികെ. ആർ.	സെക്യൂരിറ്റിസ്റ്റാഫ്

Sr No	Name	Department / Designation
8	സന്തോഷ്വ.ആർ.	സെക്യൂരിറ്റിസ്റ്റാഫ്
9	ശശിക.ആർ.	സെക്യൂരിറ്റിസ്റ്റാഫ്
10	സുഭാഷ്വി.ജി.	ലാബ് അസിസ്റ്റന്റ്
11	ജോഷി അഗസ്റ്റിൻ	ഡ്രൈവർ
12	അനില അഗസ്റ്റിൻ	ഐ.സി.യു ടെക്നീഷ്യൻ
13	ഷിജിൻ കെ.കെ.	ഒ.പി. അറ്റൻഡന്റ്
14	അസ്തം.എ.കെ.	റെസിഡന്റ്/ഗ്രാമർ
15	ബിനിത.എം.പി.	റെസിഡന്റ്/ഗ്രാമർ
16	സുര്യ.പി.പി	റെസിഡന്റ്/ഗ്രാമർ
17	പ്രിൻസ്റ്റൈ.സി	സെക്യൂരിറ്റി
18	ജോമോൻ സാവിയോ	ഐ.സി.യു ടെക്നീഷ്യൻ
19	ബിജിഷ്വി.എം.എസ്	നഴ്സിംഗ് അസിസ്റ്റന്റ്
20	ഷിജി ജോസഫ്	നഴ്സിംഗ് അസിസ്റ്റന്റ്
21	ജോമോൻ ബിനോയ്	ഫാർമസിസ്റ്റ്
22	സുനിത ബാബു	ഫാർമസിസ്റ്റ്
23	സീനമേരിവി	കിനിങ്സ്റ്റാഫ്
24	സുദീപി.വി.	കിനിങ്സ്റ്റാഫ്
25	മഞ്ജു കെ.എം	കിനിങ്സ്റ്റാഫ്

Sr No	Name	Department / Designation
26	ജെൻസിസണ്ണൽ	കിനിങ്സ്റ്റാഫ്
27	അൻഷ്യഷാജ	ലാബ്ടെക്നീഷ്യൻ
28	സജിനമോൾവി.ഡി	ഡാറ്റാഎൻട്രിഒപ്പറേറ്റർ
29	അനൂപടി.വി	ഡാറ്റാഎൻട്രിഒപ്പറേറ്റർ
30	ശൈലിമണിദ്രൻ	ഫാർമസിസ്റ്റ്
31	ബിന്ദുഎൻ.കെ	കിനിങ്സ്റ്റാഫ്
32	കാലിദാസി.ജ	ഡയാലിസിസെക്നീഷ്യൻ
33	സാജൻപി.എസ്	ഡാറ്റാഎൻട്രിഒപ്പറേറ്റർ
34	അജിജമോൾഎം.കെ	ഡാറ്റാഎൻട്രിഒപ്പറേറ്റർ
35	ജോർമോൻജോസഫ്	ഒക്സിജൻപ്ലാൻറ്ഒപ്പറേറ്റർ
36	സന്ധ്യപി.പി	നഴ്സിംഗ്അസിസ്റ്റന്റ്
37	ജിസ്റ്റിൻസണ്ണൽ	ആംബുലൻസ്ഡ്രൈവർ
38	ഉണ്ണിമോൻപി.സി	ഡാറ്റാഎൻട്രിഒപ്പറേറ്റർ
39	അനിലവിനന്ദകുമാർ	കിനിങ്സ്റ്റാഫ്
40	സിനമോൾജോസഫ്	ഐ.സി.യുടെക്നീഷ്യൻ
41	ബവികസത്യൻ	ഫാർമസിസ്റ്റ്
42	ഡോണമോൾജോസഫ്	ഫാർമസിസ്റ്റ്
43	ജിജിയാഫിലിപ്പ്	സെക്യൂരിറ്റി
44	സൂര്യ	റെസിഡന്റ്/ഗ്രാമർ

Sr No	Name	Department / Designation
45	നീത്യരാജൻ	നെസിഡന്റ്/ഗ്രാമർ
46	അജമൽഷാജി	ഡാറ്റാഎൻട്രിക്കാപ്പറേറ്റർ

Summary

Total Number of staff: 46

4.2 HR Strength - Summary

DME Teaching Staff - (Details as per Table 3 above)

Total sanctioned posts: 84

Current strength: 71

Vacancies: 13

DME Staff on Working Arrangement - (Details as per Table 4 above)

Total: 8 (Staff Nurses-5, Radiographers- 3)

DME Non-Teaching Staff- (Details as per Table 5 above)

Total sanctioned posts: 57

Current strength: 44

Vacancies: 13

DME - Outsourced Staff - (Details as per Table 6 above)

Total Sanctioned Outsourced Posts: 82

Present Strength: 53

Total Vacancies: 29

Total DME Staff Current strength: 71 + 8 + 44 + 53 = 177

Total DME Staff Vacancies: 13 + 13 + 29 = 54

DHS PSC Staff - (Details as per Table 7 above)

Total Sanctioned: 201

Total current strength: 171

Vacancies: 30

DHS NHM Staff (Details as per Table 8 above)

Total present strength: 59

DHS KASP Staff (Details as per Table 9 above)

Total present strength: 16

DHS HDS Staff (Details as per Table 10 above)

Total present strength: 46

Total DHS Staff Present Strength: $171 + 59 + 16 + 46 = 292$

Total DHS Staff Vacancies: 30

**Minimum total staff required to take over full control of GMC Idukki by the DME
by maintaining the current DME staff strength: $292 + 30 = 322$**

CHAPTER- 5

HEALTH INFRASTRUCTURE DEVELOPMENT

5.1 Introduction

Government Medical College Idukki, established in 2014 in one of Kerala's most geographically challenging terrains, has travelled a long and difficult road to reach its current stage of growth. In its early years, despite the aspirations of the people of the district, the institution faced **prolonged technical delays spanning nearly eight years**, during which several essential infrastructure components could not be completed. This resulted in the unfortunate relocation of the inaugural MBBS batch of 2015 to other Government Medical Colleges due to lack of basic facilities.

However, the subsequent revival of the project marks a **remarkable turnaround**. After a long developmental pause, the National Medical Commission granted approval once again in 2022 for **100 MBBS seats**, which stands as a major milestone in the history of GMC Idukki. Today, the college has **four active batches with nearly 400 MBBS students**, in addition to FMG interns and BSc Nursing students.

Despite operating with **minimal infrastructure**, the students and faculty have demonstrated extraordinary resilience. Their achievements in academics, research, sports, community health, and extracurricular activities stand shoulder-to-shoulder with long-established medical colleges of Kerala.

5.2 Major Achievements and Progress (Developments done in last 10 years)

Academic & Institutional Achievements

1. NMC Approval for 100 MBBS Seats (2022) – A Historic Achievement

After years of structural delays, GMC Idukki regained recognition for 100 MBBS admissions, enabling four consecutive batches totaling ~400 students.

2. Academic Revival with Full Implementation of CBME Curriculum

All departments conducted structured CBME-based teaching, integrated teaching sessions, SDLs, AETCOM modules, and formative/summative assessments.

3. Start of Final-Year Clinical Postings for the First Batch

The 2022 batch is now entering Phase III Part 2 clinical training—a landmark moment for this young institution.

4. Nursing College Functioning

The Government Nursing College attached to GMC Idukki completed two years with steady academic progress and an intake of 60 students per batch.

5. Expansion of Campus Area with Additional 50 Acres

Government of Kerala sanctioned 50 additional acres, greatly enhancing long-term campus development capacity.

6. Strengthening of FMG Internship Programme

104 FMG interns and 24 clerkships conducted with structured postings, field activities, and regular review meetings.

7. PEID Cell Strengthened as a District Surveillance Backbone

Daily IDSP reporting, COVID surveillance, measles investigations, ADD outbreak management, death audits, and infection control training.

8. Launch of Antimicrobial Stewardship & Prescription Auditing

Department of Pharmacology initiated AMSP and regular ADR monitoring under PvPI.

9. High Academic Performance –99% pass rate in phase I and 97% in phase II

Six distinctions and 47 first classes in 2nd Professional MBBS Examinations.

10. Multiple Community Health Initiatives Through Family Adoption Programme

Students conducted home visits, surveys, medical camps, health education, and community-based learning in Maniyarankudy.

11. Major Research Output & ICMR-STP Projects

Eight student research projects completed; departments published research in national indexed journals (JCDR).

12. Expansion of Skill-Based Training and Simulation Activities

Departments conducted hands-on training across practical labs, skill stations, and emergency modules.

13. Large-Scale Patient Care Services Managed with Limited Infrastructure

In 2024 alone:

- OP visits: 2,19,142
- IP admissions: 9,032
- Casualty cases: 41,952

This reflects exceptional service delivery by existing staff.

14. Major Budget Utilisation with Over 90% Financial Progress

Optimal use of plan, non-plan, and capital allocations for 2024–25.

15. Strengthening of Administrative and Human Resource Framework

Filling of key posts, coordination of faculty duties, and support staffing improved overall institutional functioning.

16. Active Participation in National Health Programmes

NTEP training, rabies CME, Nipah infection control sensitisation, outbreak investigations, and public health surveillance activities.

17. Comprehensive Monitoring and Review by KITCO, District Administration & H&FWD

Regular technical committee meetings and district-level reviews ensure continuous oversight of construction and progress.

18. Advanced Equipment Procurement Above ₹5 Lakhs

Including HD laparoscopic system, spectrophotometer, ALS manikins, flexible video bronchoscope, and IT infrastructure upgrades.

Infrastructural Achievements

I. Completed works (with month & year)

- 1. Phase I – Completion of Phase I Infrastructure (2014–2016): Upgradation of Existing Hospital & DMO Office**

- **Upgradation of Existing Hospital** – *Completed: 2016*
- **Conversion of DMO Office to Academic-cum-Administrative Block** – *Completed: 2016*
- **Construction of New Lecture Hall, Pharmacology Building & Pathology Building** – *Completed: 2016*
- **Block 1 of 300-Bedded New Hospital Block (COVID use)** – *Completed: 2020*
- **50 Admissions Academic Block – Civil Works** – *Completed: March 2019*
- **50 Admissions Academic Block – Electrical Works** – *Completed: July 2018*
- **Residential Facilities – Handed Over:**
 - Boys Hostel – *Completed & Handed Over: Year not specified (post-2018)*
 - Girls Hostel (Partial) – *Partially Completed*
 - 3BHK Teachers’ Quarters – *Completed & Handed Over*
 - Substation – *Civil Works Completed*

II. Ongoing works (in progress)

1. Phase II – Significant Progress in 300-Bedded New Hospital Block

- Block 1 is completed and **Block 2 Civil Works** – 95% completed; false ceiling pending (awaiting electrical & mechanical completion).
- **Electrification Works (Hospital Block)** – Contractor foreclosed; balance works include cable laying, wiring, substation electricals, HT/LT cables, DG sets, street lighting.
- **MEP Works (Voltas Ltd.)** – HVAC, ELV, and lift works in progress; dependent on completion of electrical works and also financial and administrative facilitation required for completion.
- **Fire & Rescue Compliance** – Fire rescue platform & fire protection system pending sanction.

2. Phase III – Residential Facilities- Ongoing Residential Complex Development

Handing over of Boys Hostel and Girls Hostel, completion of 3BHK Teaching Staff Quarters, and active construction of Boys Interns Hostel, Girls Interns Hostel, 2BHK & 3BHK staff quarters, sump, and OHT.

- **Girls Hostel (Remaining Finishing Works)** – Plumbing & FRP door works restarted April 2025.
- **Girls Interns Hostel** – Finishing works ongoing.
- **2 BHK NTQ Quarters (1 Unit)** – Finishing works ongoing.
- **Boys Interns Hostel** – Structural works ongoing (roof slab completed).
- **Overhead Tank (OHT)** – Structural works in progress.
- **Sump Construction** – In progress.
- **Electrical Works (Leela Electric Power Services)** – Girls interns hostel & 2BHK quarters pending; contractor inactive.
- **Firefighting Works** – Contractor foreclosed; retendering pending revised TS.
- **Relocation of 3 blocks** – Proposal submitted; Government decision pending.
- **Completion of Electrical Works in Boys Hostel and 3BHK Quarters**
- 98% completion in Girls Hostel; pending works monitored by KITCO for contractor compliance.

3. Phase IV –Road & Protection Works Tendered Under Phase IV

Design works initiated, with decisions underway for retendering to accelerate progress.

- Work awarded; design in progress.
- Decision taken on **12-09-2025** to foreclose the contract and retender.

4. Phase V & Phase VI

- Works under planning/administrative processing; awaiting further approval and execution phases.

5.3 Bottlenecks Requiring Urgent Attention

As the **first batch now enters final-year clinical postings**, the urgent need for expedited infrastructure becomes evident. While **Phase I of the new hospital block** has been completed, **Phase II and Phase III works remain ongoing**, with critical bottlenecks such as:

- delay in completion of the new 300-bedded hospital block,
- pending 11 KV electrical substation energization - Crucial for full hospital activation.
- incomplete road and protection work,
- and the urgent need to operationalize Emergency OT, ICU, modular theatres, and surgical wards.

5.4 Development Plans for Government Medical Idukki

1. **Completion of the 300-Bedded New Hospital Block** - Accelerated completion of Phases II and III is a top priority to ensure functional OP, IP, Specialty Clinics, and 24×7 Emergency Services.
2. **Establishment of a Fully Functional 11 kV KSEB Electrical Substation** - Energization of the substation is essential for powering critical medical equipment, HVAC systems, lifts, modular OTs, and the entire hospital block.
3. **Completion of Campus Internal Road Works** - Road and protection works are crucial for safe patient movement, ambulance access, and connectivity between academic, residential, and hospital zones.
4. **Installation of a Dedicated Medical Oxygen Plant** - A central oxygen plant with manifold rooms is required to meet ICU, OT, and ward requirements.
5. **Operationalisation of Emergency Operation Theatre** - A state-of-the-art Emergency OT will ensure rapid surgical response for trauma, acute abdomen, and critical emergencies.
6. **Establishment of a Fully Functional Emergency ICU** - A modern Emergency ICU with ventilators, monitors, and trained staff will significantly strengthen emergency care.
7. **Commissioning of Modular Operation Theatres** - At least 4–6 modular OTs are planned to support General Surgery, Orthopedics, Obstetrics & Gynaecology, ENT, and future super-specialty services.

8. **Creation of Post-Surgical Wards with Adequate Staffing** - Well-equipped post-operative wards with trained nursing and supportive staff are essential for safe post-surgical recovery.
9. **Development of Smart Lecture Halls (100-Seater) in Major Clinical Departments** - Smart classrooms in Surgery, Medicine, and Obstetrics & Gynaecology will support UG and future PG teaching.
10. **Fully Equipped Simulation & Skill Laboratory** - A comprehensive skill lab with manikins, procedural models, emergency stations, and simulation suites is planned as a core requirement for CBME and PG training.
11. **Strengthening Diagnostic Services** - Establishing Computed Tomography (CT), Magnetic Resonance Imaging (MRI), Echo, Treadmill Test (TMT), advanced endoscopy, bronchoscopy, and lab automation systems is proposed to support teaching and clinical quality.
12. **Development of a Central Research Laboratory** - A modern research lab is planned to promote faculty research, student projects, and PG dissertations.
13. **Creation of Faculty Rooms, PG Hostels, and Residential Quarters** - Adequate residential and academic spaces are essential to attract and retain qualified faculty and postgraduate trainees.
14. **Commencement of Postgraduate (PG) Courses** - As the first MBBS batch enters final-year clinical training, the institution plans to initiate MD/MS programmes in major departments such as General Medicine, General Surgery, Obstetrics & Gynaecology, Paediatrics, Anaesthesiology, and Community Medicine. This requires strengthening faculty positions, clinical material, and teaching infrastructure.
15. **Expansion of Telemedicine, e-Hospital Services & Digital Integration** - Integration of electronic medical records, teleconsultation services, and smart hospital solutions is planned to enhance patient care and teaching.

CHAPTER- 6

SPECIFIC PROGRAMMES

Introduction

Government Medical College Idukki implements a wide range of academic, clinical, community-based, and national health programs that contribute to improved medical education and enhanced public health in the district. These programs strengthen undergraduate training, support national health priorities, and ensure comprehensive exposure for students across preventive, promotive, diagnostic, curative, and rehabilitative domains.

Major Specific Programs

- **Competency-Based Medical Education (CBME)** fully implemented across all departments, including integrated teaching, small-group discussions, SDL sessions, AETCOM modules, and early clinical exposure.
- **Family Adoption Program** led by Community Medicine, involving home visits, health surveys, social assessments, health education, and linkage with national programmes in the Maniyarankudy service area.
- **Field-Based Community Activities**, including public-health surveillance, water sampling, Acute Diarrhoeal Disease (ADD) prevention, school health programs, and community medical camps.
- **Implementation of National Health Programs** through the Department of Community Medicine, including Integrated Disease Surveillance Programme (IDSP) surveillance, National Vector Borne Disease Control Programme, National Tuberculosis Elimination Programme (NTEP) sensitization, and routine immunisation strengthening.
- **Paediatrics Department Implementation of National Child Health Initiatives**, including Rashtriya Bal Swasthya Karyakram (RBSK) screening, Integrated Management of Neonatal and Childhood Illnesses (IMNCI) training exposure, nutritional assessment camps, and growth monitoring activities.

- **Ophthalmology Department Contribution to National Blindness Control Programme**, including vision screening, cataract detection camps, and refractive error correction initiatives.
- **Pharmacovigilance Programme** functioning through a recognized ADR Monitoring Centre under PvPI, reporting adverse drug reactions and conducting awareness sessions.
- **Antimicrobial Stewardship Program (AMSP)** including prescription auditing, rational antibiotic use promotion, and antimicrobial guidelines sensitization.
- **Simulation-Based Learning and Skills Training**, including emergency management, BLS sessions, procedural demonstrations, and hands-on practice using simulation models.
- **FMG Internship and Clerkship Programs**, offering structured postings, community attachments, clinical exposure, and monthly academic review meetings.
- **Prevention of Epidemics and Infectious Diseases (PEID) Cell Activities**, including outbreak investigation, fever surveillance, COVID monitoring, measles surveillance, death audits, and infection-control training.
- **Health Education & Information-Education-Communication (IEC) Programs** for the public and students covering lifestyle diseases, maternal & child health, infectious diseases, and environmental health.
- **Public Health Emergency Response** participation, including ADD outbreak management, monsoon preparedness, and rapid response coordination with district health authorities.
- **Research Promotion Initiatives**, including ICMR-STP projects, student research mentoring, and departmental research activities.

CHAPTER- 7

EDUCATION DEVELOPMENT PLANS

The educational development plans of GMC Idukki include the following key areas: -

1. **Establishment of Advanced Skill & Simulation Laboratories** - A fully equipped skill lab with simulation suites, procedural models, emergency response stations, and manikins to support CBME, Advanced Trauma Life Support (ATLS)/ Advanced Cardiac Life Support (ACLS) training, and future PG programs.
2. **Creation of New Super-Specialty Departments** - Plans to establish dedicated departments in **Cardiology, Neurology, Neurosurgery, Nephrology, Endocrinology, and Cardiovascular & Thoracic Surgery**, expanding academic and clinical exposure for students.
3. **Development of a State-of-the-Art Cath Lab** - A modern cardiac catheterisation laboratory is proposed to support the Cardiology department, enabling interventional training and improved cardiac care.
4. **Initiation of New Undergraduate and Postgraduate Courses** - Introduction of MD/MS courses in key clinical and para-clinical specialties, along with future super-specialty (DM/MCh) programs as infrastructure progresses.
5. **Strengthening of Research Culture Among Students and Faculty** - Establishment of a Central Research Laboratory, promotion of ICMR-STP projects, and mentorship for publications in indexed journals.
6. **Regular Academic CMEs, Workshops & Hands-On Training** - Monthly academic sessions across departments, including surgical skills workshops, diagnostic skill updates, and CME credit-based programs.
7. **Smart Classrooms Across All Major Clinical Departments** - 100-seater digital classrooms with audio-visual integration in Surgery, Medicine, Paediatrics, and Obstetrics & Gynecology for UG and future PG teaching.

8. **Expansion of Clinical Training Areas** - Strengthening bedside clinics, simulation-based emergency training, and multidisciplinary case discussions to enhance clinical competency.
9. **Development of an Interdisciplinary Academic Hub** - Proposed academic block with seminar halls, departmental libraries, faculty rooms, and student discussion spaces.
10. **Strengthening of the Medical Education Unit (MEU)** - Advanced training for faculty in medical education, curriculum design, assessment tools, and program evaluation.
11. **Enhancement of e-Learning & Digital Platforms** - Integration of online learning modules, digital logbooks, virtual microscopy, skill-based video repositories, and tele-education tools.
12. **Establishment of Specialty Clinics for Learning** - Dedicated clinics such as Diabetic Foot, Stroke Clinic, Heart Failure Clinic, High-Risk Pregnancy Clinic, and Epilepsy Clinic to enhance student learning.
13. **Expansion of Library Resources** - Upgradation of digital library facilities with e-journals, online databases, simulation content, and extended reading spaces.
14. **Strengthening Community-Based Education** - Enhanced Family Adoption Program, field postings, public-health surveys, and community-based research initiatives.
15. **Capacity Building for Faculty and Students** - Training programs in research methodology, biostatistics, communication skills, professionalism, and leadership development.

CHAPTER- 8

HOSPITAL DEVELOPMENT SOCIETY (HDS)

8.1 Facilities

Introduction

The Hospital Development Society (HDS) of GMC, Idukki plays an indispensable role in ensuring the smooth functioning of essential services across the hospital and academic campus. As a rapidly developing medical institution located in a challenging highland environment, GMC, Idukki relies significantly on HDS support to bridge critical human-resource gaps, sustain uninterrupted patient care, and maintain vital support systems. HDS personnel strengthen the daily operations of outpatient services, inpatient care, emergency units, critical-care areas, diagnostics, pharmacy services, sanitation, transportation, and administrative functions.

Key Contributions of HDS

- Ensures uninterrupted patient registration and financial transaction services through trained Cashiers.
- Supports patient flow, OPD management, and ward assistance through Hospital Attenders.
- Drives the hospital's digital transformation via Data Entry Operators managing Electronic Medical Record (EMR), OP/IP data, and laboratory documentation.
- Strengthens ICU services with skilled technicians who oversee ventilators, monitors, and life-support systems.
- Enhances bedside patient care and hygiene through dedicated Nursing Assistants working in wards and ICUs.
- Ensures smooth functioning of diagnostic processes through Laboratory Assistants and Lab Technicians handling sample collection and processing.
- Provides life-saving renal support via specialised Dialysis Technicians.
- Maintains uninterrupted medical oxygen supply through the Oxygen Plant Operator, critical for ICU and OT services.

- Guarantees reliable and timely medicine dispensing and stock management by qualified Pharmacists.
- Strengthens transport logistics and emergency preparedness through Drivers and Ambulance Drivers.
- Maintains round-the-clock safety and vigilance across campus through trained Security Personnel.
- Upholds hospital hygiene, reduces infection risks, and supports accreditation standards through dedicated Cleaning Staff.
- Supports smooth functioning of student hostels and residential facilities via Residential/Hostel Support Staff.
- Enables coordinated functioning between hospital departments through administrative and support positions.
- Provides essential manpower buffer for expanding services, including the new hospital block, ICUs, OTs, and future PG programs.

CHAPTER – 9
FINANCIAL ALLOCATION AND UTILIZATION FOR THE LAST 10
YEARS

The details of financial allocation and utilization from 2016 till 29/22/2025 are as follows: -

Year	Allocated Amount (in INR)	Expenditure (in INR)
2015-16	17,73,56,192	College is not working NMC affiliation cancelled.
2016-17	3,50,42,813	15,44,87,132
2017-18	12,03,52,319	31,01,66,637
2018-19	46,74,21,119	1,99,24,492
2019-20	1,19,24,492	12,48,40,124
2020-21	12,50,34,559	16,49,13,759
2021-22	17,09,10,112	14,16,59,254
2022-23	12,82,10,347	9,27,33,204
2023-24	10,36,56,851	7,27,80,151
2024-25	22,43,43,683	21,43,27,425
2025-26	9,37,86,000	8,90,18,893

CHAPTER- 10

RESEARCH STUDIES

Department	Type of Study / Area of Research	Status
Community Medicine	Family Adoption Programme research, community surveys, morbidity profiling, water-quality studies, ADD outbreak investigations, communicable disease surveillance, school health assessments	Ongoing
Community Medicine (PEID Cell)	Fever surveillance, measles monitoring, outbreak analytics, COVID surveillance, death audits	Ongoing
General Medicine	Case reports, clinical audits, disease-pattern documentation	Published & Ongoing
Pathology	Diagnostic accuracy studies, virtual microscopy (CAL)-based education research, case series	Published & Ongoing
Microbiology	Infection surveillance studies, biosafety audits, laboratory quality indicators	Ongoing
Pharmacology	ADR reporting analyses (PvPI), prescription audits, antimicrobial stewardship (AMSP) research	Published & Ongoing
Paediatrics	Nutritional assessments, school screening data, growth monitoring studies, community child-health research	Ongoing
Ophthalmology	Community vision-screening results, refractive error profiling, cataract burden studies	Ongoing
Surgery	Clinical audits (diabetic foot, emergency cases), postoperative outcome studies, skill-lab	Ongoing

Department	Type of Study / Area of Research	Status
	innovation research	
Obstetrics & Gynaecology	High-risk pregnancy audits, maternal health indicators	Ongoing
Family Adoption Programme (Institutional)	Community diagnosis studies, environmental risk assessments, health-education impact evaluations	Ongoing
ICMR–STS Projects (Various Departments)	Faculty-guided short-term student research (8 projects)	Ongoing
Medical Education Unit (MEU)	CBME implementation analysis, effectiveness of SDL/SGD, integrated-teaching evaluations	Ongoing
Pharmacy Services	Drug-utilization pattern studies, workflow improvement audits	Ongoing
Hospital Infection Control	Healthcare Associated Infections (HAI) surveillance, infection-control audits	Ongoing

CHAPTER – 11

TRAINING PROGRAMMES

Government Medical College Idukki conducts a wide spectrum of structured training programs aimed at strengthening clinical competencies, enhancing public-health skills, and ensuring high-quality medical education. These programs are delivered across departments and are aligned with the CBME curriculum, national health priorities, and institutional development goals. The details of which are as follows: -

1. **CBME-Based Training Programs** across all departments, including small-group discussions, SDLs, integrated teaching, and AETCOM modules.
2. **Early Clinical Exposure (ECE)** sessions enabling first- and second-year students to observe real clinical environments and patient interactions.
3. **Skill-Lab Training** using improvised, low-cost models in Surgery and other clinical departments to teach suturing, knotting, incision techniques, biopsy skills, wound care, and emergency procedures.
4. **Simulation-Based Emergency Training**, including BLS familiarisation, basic airway management, trauma scenarios, and hands-on resuscitation practice.
5. **ICU Orientation and Critical-Care Training**, led by critical-care staff and faculty, focusing on ventilator basics, monitoring systems, and emergency equipment handling.
6. **Public-Health and Field-Training Activities** under Community Medicine, including household surveys, community diagnosis, outbreak investigation (ADD, measles, fever clusters), water sampling, and IEC development.
7. **Family Adoption Programme Training**, covering community engagement methods, environmental assessment, social-mapping, and health education skills.
8. **National Health Programme Training**, including IDSP, NTEP sensitisation, immunisation monitoring, and epidemic preparedness activities.

9. **Pharmacovigilance Training**, focusing on ADR reporting, PvPI protocols, and medication-safety principles.
10. **Antimicrobial Stewardship (AMSP) Training**, including prescription-audit techniques, rational-antibiotic-use modules, and antimicrobial awareness sessions.
11. **Diagnostic Training**, including laboratory demonstrations, biosafety practices, and hands-on exposure to microscopy, staining techniques, and sample processing.
12. **CME Programs & Interdisciplinary Case Discussions**, held regularly to update knowledge, promote evidence-based practice, and enhance clinical reasoning.
13. **Junior Public Health Nurse (JPHN) Training** by the department of OBG
14. **Research Methodology Workshops**, enabling student participation in ICMR-STs projects and departmental mini-research studies.
15. **Health Education & Communication Skills Training** for conducting school health talks, community sessions, and patient-education activities.

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