



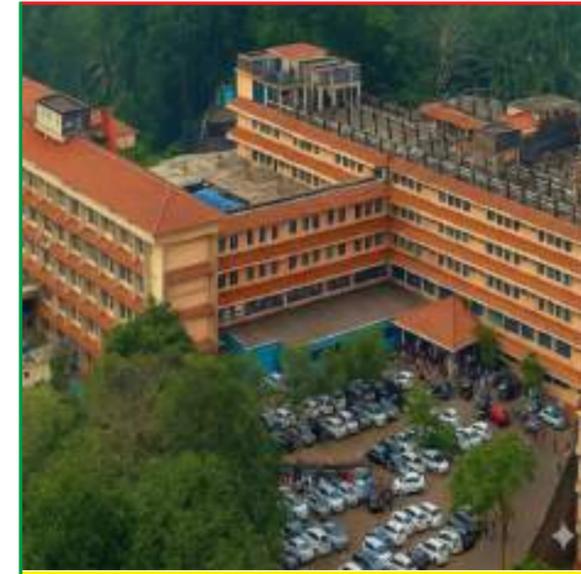
Government Medical College Manjeri
Vellarangal, Manjeri,
Malappuram - 676121,
Kerala, India
Medical College Office Ph. 0483-2766056
Fax. 0483-2766056
E-mail: govtmcmanjeri@gmail.com
Website: www.govtmedicalcollegemanjeri.ac.in



GOVERNMENT MEDICAL COLLEGE Manjeri



January 2026



GOVERNMENT MEDICAL COLLEGE Manjeri

Health and Family Welfare Department
Government of Kerala

KERALA.HEALTH

GOVERNMENT MEDICAL COLLEGE
Manjeri
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, Manjeri 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, Manjeri 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 Government Medical College, Manjeri as we continue developing a robust framework for medical education and healthcare delivery. Established in 2013, our institution is progressively strengthening academic programs, clinical services, and operational systems to deliver quality teaching, patient care, and community health initiatives across Malappuram district.

The publication details our key developments, departmental advancements, and expanding services tailored to regional healthcare needs. The steadfast commitment of our faculty, staff, and students continues to build a solid foundation for dynamic medical training and service excellence.

This document will guide strategic planning and future expansion while maintaining alignment with contemporary medical education standards. We trust it will serve as an essential reference as Government Medical College, Manjeri advances toward its goal of comprehensive healthcare leadership.

Dr. Anil Raj KK

Principal

Government Medical College, Manjeri

Index

Chapter 1	Medical CollegeHospital—Overview	19
1.1	Introduction	19
1.2	History	20
1.3.	Administration	22
1.4	Conclusion	31
Chapter 2	MCH Academic Overview	33
2.1	UG courses	33
2.2	PG courses	34
2.3	Super Speciality courses	35
2.4	Proposals for academic development	35
2.5	Conclusion	36
Chapter 3	Department-wise Health Facilities	37
3.1	Overview of Facilities	37
3.2	Department-wise Details	39
Chapter 4	Human Resource Profile in MCH	72
4.1	Faculty strength	72
4.2	Non-teaching staff	77
Chapter 5	Health Infrastructure Development	80
5.1	Overview	80
5.2	Existing Infrastructure	81
5.3	Infrastructure Projects- Ongoing & completed	89
5.4	Future Projects & Proposals	89
Chapter 6	Specific Programmes	91
6.1	Introduction	91
6.2	Government schemes implemented	91
6.3	Department led public health and special programmes	95
6.4	Research & surveillance programmes	97
6.5	Community outreach activities	98
6.6	Academic and clinical support initiatives	98
Chapter 7	Education development plans	100
7.1	Introduction	100
7.2	Undergraduate education	100
7.3	Postgraduate education	101

Chapter 8	Hospital Development Committee Details	102
8.1	Introduction	102
8.2	Fund utilisation	106
8.3	HDC supported infrastructure	106
Chapter 9	Innovative programmes	114
Chapter 10	Fund utilization	116
10.1	Overview	116
10.2	Year-wise Expenditure summary	116
Chapter 11	Research initiatives and achievements	128
11.1	Research collaborations	128
11.2	Funded studies	129
Chapter 12	Skill Development, Simulation learning and capacity building	133
Chapter 13	Miscellaneous- Photo Gallery	135
List of Contributors		137

Introduction

This document provides a concise yet comprehensive overview of Government Medical College, Manjeri (GMC Manjeri), a leading government medical institution dedicated to medical education, quality clinical care, and public health advancement. It outlines the evolution of the Medical College Hospital, its administrative structure, and its academic and clinical departments.

The report presents key institutional data through the MCH dashboard, followed by detailed department-wise information covering basic sciences, clinical specialties, and allied services. It also summarises the human resource profile, highlighting the workforce that supports the institution's operations.

Major infrastructure developments over the last decade, ongoing projects, specific health programmes, educational initiatives, and innovations are documented to reflect the institution's progress and future direction. Financial allocation and utilisation trends for the past ten years, along with summaries of research activities and training programmes, provide additional transparency and insight into institutional performance.

This document is intended to serve as a reliable reference for administrators, health professionals, policymakers, and other stakeholders committed to strengthening healthcare delivery in Malappuram district and beyond.

OUR VISION

To be a leading institution in medical education, research, and patient care, committed to fostering compassionate, innovative, and socially responsible healthcare professionals who will lead the future of medicine.

OUR MISSION

To be a beacon of innovation and excellence in medical education, producing forward-thinking, compassionate healthcare leaders who are dedicated to advancing global health and improving lives.

OUR VALUES

Embrace cutting-edge technologies and methodologies to transform medical education, research, and patient care. Strive for excellence in teaching, research, and patient care through rigorous standards and continuous improvement

CHAPTER 1

MEDICAL COLLEGE HOSPITAL - OVERVIEW

1.1 Introduction



This document serves as an authoritative compilation of the institutional profile, functional framework, and developmental progress of Government Medical College, Manjeri (GMC Manjeri). It is designed to provide stakeholders, including health administrators, academic bodies, policy planners, and regulatory authorities, with a clear and systematically organized account of the institution's operations.

The chapters are structured to present a comprehensive understanding of the Medical College Hospital, beginning with its historical background and governance mechanisms. The document then delineates the academic and clinical spectrum of the college, including undergraduate, postgraduate, and Speciality services. Core institutional data and key performance indicators are consolidated within the MCH Dashboard for quick and precise reference.

Detailed, department-wise sections outline the medical, surgical, diagnostic, and allied health services that form the backbone of the institution's healthcare delivery. Additionally, the document presents the human resource composition, major infrastructure developments, and ongoing expansion initiatives that support GMC Manjeri's continued growth.

Further sections highlight the institution's specialised programmes, academic advancement strategies, financial management, research output, and training activities.

Together, these components offer a holistic view of the institution's role within the public health system and its commitment to continuous improvement in education, service delivery, and community health.

NMC UG recognition was obtained on 24/04/2019. NMC recognition for postgraduate courses- MS ENT, MS Ophthalmology & MD DVL was obtained in 2021.

1.2 History

Government Medical College, Manjeri (GMC Manjeri) is a fully government-administered medical institution located in the heart of Manjeri, in Malappuram District, Kerala, India. The nearest airport is Calicut International Airport, situated 22 km away, and the nearest major railway station is Kozhikode, located 46 km from the college.

Established in 2013 as the sixth medical college in Kerala, GMC Manjeri represents a significant addition to the state's network of medical institutions with an intake of 100 MBBS students. It was inaugurated on 1 September 2013 by the then Chief Minister of Kerala, Shri Oommen Chandy. The college is affiliated with the Kerala University of Health Sciences (KUHS) and is currently equipped with more than 520 beds, 36 additional beds, and 12 operation theatres. It offers an annual intake of 110 MBBS students and hosts three postgraduate departments - ENT, Dermatology, and Ophthalmology.

Key infrastructure milestones

The new academic block was started on 29/2/2016

Ladies Hostel started on 4/29/2022.

Men's Hostel started on 17/02/2021

Teaching staff Quarters started on 29/4/2022

Non-Teaching quarters started on 17/02/2021

As the first government-sector medical college to be established in the state in 31 years, GMC Manjeri fulfils a long-standing aspiration of Kerala's most populous district. The campus is furnished with modern infrastructure, including well-equipped laboratories, classrooms, a library, and hostel facilities for male and female students, as well as teaching and non-teaching staff. Serving a population of over 4 million people, it stands as the premier government medical institution in Malappuram district.

1.2.1 Historical Milestones



Fig. 1.2. Historical milestones of GMC Manjeri

1.2.2 Institutional Identity

- Name: Government Medical College, Manjeri (MCH Manjeri)
- Location: Manjeri, Malappuram District, Kerala, India
- Year of Establishment: 2013
- Governing Body: Government of Kerala, Directorate of Medical Education
- Affiliation: Kerala University of Health Sciences (KUHS), Thrissur
- Hospital Category: Tertiary Care Teaching Hospital
- Campus area – 60 acres (approximately)
- Emblem



1.3 Administration

Principal: Dr Anilraj K K

Vice-Principal: Dr Sheena P.S

Superintendent: Dr Prebhudas R

Supporting administrative sections:

- Administrative officer: Smt Mini C K
- Accounts officer: Smt Mini C K
- Establishment section (SS): Sri Faijas M T

- Establishment section (JS): Smt Hema V A
- Assistant Engineer PWD (Electrical): Sri Sudhiraj K
- Assistant Engineer PWD (Civil): Sri Basheer Ahmed

1.3.1 Administrative Structure

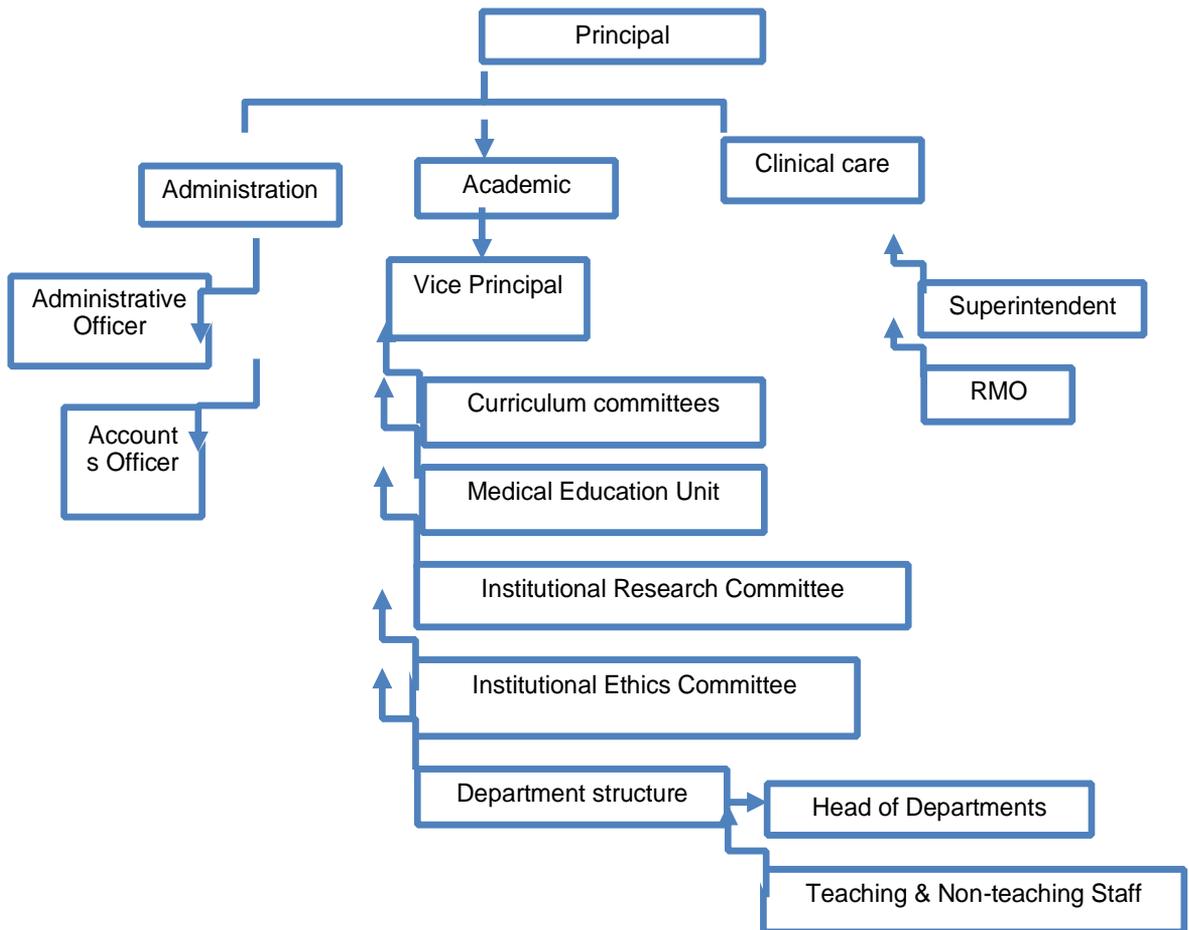


Fig 1.3. Administrative structure of GMC Manjeri

1.3.2 Roles & Responsibilities

The organisational structure of Government Medical College, Manjeri, ensures effective academic, clinical, and administrative governance through clearly defined roles and responsibilities.

- ❖ The Principal serves as the academic and administrative head, overseeing medical education, faculty development, regulatory compliance, and institutional planning.
- ❖ The Medical Superintendent is responsible for hospital administration, patient care services, clinical governance, and implementation of health policies. Supporting hospital operations is the Additional/Deputy Medical Superintendent, who coordinates day-to-day clinical services and logistics.
- ❖ The Nursing Superintendent manages nursing services, workforce planning, quality of care, and patient safety.
- ❖ Heads of Departments are accountable for academic teaching, clinical services, postgraduate training, research, and departmental administration.
- ❖ The Administrative Officer handles establishment matters, human resources, and general administration.
- ❖ The Finance/Accounts Officer oversees budgeting, fund utilisation, and financial compliance.

Together, these functionaries ensure the coordinated functioning of GMC Manjeri, promoting quality healthcare delivery, academic excellence, and efficient institutional management.

1.3.3 Institutional committees

1. College council

The College Council of Government Medical College, Manjeri, functions as the apex academic and administrative advisory body, coordinating policy decisions related to medical education, hospital services, and institutional development. It facilitates

interdepartmental coordination, ensures compliance with regulatory norms, and supports the Principal in effective governance of the institution.

Table 1.1 Members of the college council

Sl no	Post	Name
1	Principal	Dr. Anilraj K. K.
2	Vice Principal	Dr. Sheena P S
3	Superintendent GMCH	Dr. Prebhudas R.
4	Deputy Supdt. General	Dr. Rajesh P. S.
5	Deputy Supdt. Casualty	Dr. Shanavas P
6	Administrative Officer I/C	Smt. Mini C K
7	Accounts Officer	Smt Mini C K
8	Asst. Wardens (Hostel) LH	Dr. Renny Issac
9	Asst. Wardens (Hostel) MH	Dr. Abdul aslam
10	CRRI Co-coordinator	Dr. Nikhil Vinod
11	Library in charge & Librarian	Dr. Shibu T S Smt. Girija (librarian)
12	All HODs	
13	KGMCTA representatives	
14	Asst. Security Officer I/C	Sri. Raju T. K.

2. Curriculum Committee

The Curriculum Committee of Government Medical College, Manjeri, oversees the planning, implementation, and periodic review of the NMC-prescribed curriculum to ensure effective Competency-Based Medical Education (CBME). It promotes integration, innovative teaching-learning methods, and continuous academic improvement in alignment with regulatory standards.

Table 1.2 Members of the Curriculum Committee

SL No	Name of CC member	Designation & Department of CC Members
1	Dr. Anil Raj K K	Principal & Chairman, Professor, Department of Radiology
2	Dr. Sheena P S	Vice Principal and Professor, Department of Physiology (Pre-clinical Speciality)
3	Dr. Priya Chandran	Professor and Head, Department of Community Medicine (Para-clinical Speciality)
4	Dr. Renny Issac	Professor, Department of Medicine (Medical Speciality)
5	Dr. Rajesh P. S.	Professor, Department of Surgery (Surgical Speciality)
6	Dr. Nikhil Vinod P	Assistant Prof Department of Medicine (Medical Speciality)

7	Dr. Naseef K N	Assistant Professor Department of General Surgery (Surgical Speciality)
8	Dr. Aneesh K V	MEU Coordinator, Associate Professor, Department of Physiology
9	Abhinav V S	Student Representative, 2022 Batch MBBS

3. Medical Education Unit

The Medical Education Unit of Government Medical College, Manjeri, is responsible for faculty development, enhancing teaching-learning methodologies, and promoting educational research in medical education. It supports effective implementation of the competency-based curriculum through training programmes, academic mentoring, and quality assurance activities.

Table 1.3 Members of the Medical Education Unit

S.No	Name	Designation Department
1	Dr. Anil Raj K K	Principal and MEU Chairman, Government Medical College, Manjeri
2	Dr. Aneesh K V	MEU Coordinator
MEU Members		
3	Dr. Jasmine K A	Associate professor, Department of Microbiology
4	Dr. Abdul Aslam	Assistant Professor, Department of Pharmacology

5	Dr. Sabitha Rose Jacob	Assistant Professor, Department of Community Medicine
6	Dr. Sujina CM	Associate Professor, Department of Community Medicine
7	Dr. Seena N	Assistant Professor, Department of Anatomy
8	Dr. Jenyz M Mundodan	Assistant Professor, Department of Community Medicine
9	Dr. Chithira K.G.	Assistant Professor, Department of Microbiology

4. Institutional Research Committee

The State Board of Medical Research (SBMR) and Institutional Research Committee of Government Medical College, Manjeri oversees planning, approval, and monitoring of biomedical and clinical research to ensure ethical conduct and scientific rigor. It facilitates research capacity building, promotes quality publications, and ensures compliance with regulatory and institutional research guidelines.

Table 1.4: SBMR and IRC Members

SL	Name	Designation	Position
1	Dr. Anil Raj K K	Principal	Chairman
2	Dr. Sujina C M	Assistant Professor (Community Medicine)	Nodal Officer
3	Dr. Sheena PS	Vice Principal, HOD (Physiology)	Member

4	Dr. Sathidevi VK	Professor & HOD(Anatomy)	Member
5	Dr. Shibu T S	Professor & HOD (Biochemistry)	Member
6.	Dr. Vijayakumar M	Professor & HOD (Paediatrics)	Member
7	Dr. Renny Issac	Associate Professor (General Medicine)	Member
8	Dr. Abdul Salam RT	Assistant Professor (ENT)	Member
9	Dr. Biju George	Associate Professor (Community Medicine)	Member
10	Dr. Shabeer C	Assistant Professor (Psychiatry)	Member
11	Dr. Abdul Aslam	Assistant Professor (Pharmacology)	Member
12	Dr. Naseef KN	Assistant Professor (General Surgery)	Member

5. Institutional Ethics Committee

The Institutional Ethics Committee of Government Medical College, Manjeri reviews, approves, and monitors research involving human participants to ensure ethical standards, participant safety, and regulatory compliance. It safeguards rights, dignity, and confidentiality while promoting ethically responsible biomedical research.

Table 1.5. IEC members

Sl. No.	Role in IEC	Name
1	Chairperson & Legal Expert	Mr Narayanankutty Menon, LLB Retd. District Judge
2	Member Secretary	Dr Priya Chandran, MD, PGDMLE Professor & Head Dept. of Community Medicine Govt Medical College Manjeri
3	Clinicians	Dr M Vijaykumar, Professor & Head, Dept. of Paediatrics, Govt. Medical College Manjeri Dr Dayal Narayanan, Professor, Dept. of Psychiatry, Govt. Medical College, Kozhikode Dr Praveen M, Professor & Head, Dept. of General Medicine, Govt. Medical College Manjeri
4	Basic scientists	Dr Anitha P M, Professor & Head, Dept. of Microbiology, Govt. Medical College Kozhikode Dr Sabeena K, Professor & Head, Dept. of Pharmacology, Govt. Medical College Manjeri Dr Sabitha Rose Jacob, Associate Professor, Dept. of Community Medicine, Govt. Medical College Manjeri
5	Social Scientist	Mr Abdussalam, Professor & Head, Dept. of Sociology, Nobles Women's College, Manjeri
6	Layperson	Mr Harikrishnan P, Manager Canara Bank

7	Ethicist	Dr Jayakrishnan Thavody, MD, MIRB, Professor & Head, Dept. of Community Medicine, Govt. Medical College Idukki
---	----------	--

6. Anti-Ragging Committee

The Anti-Ragging Committee of Government Medical College, Manjeri, is responsible for preventing, monitoring, and addressing any incidents of ragging within the campus in accordance with regulatory guidelines. It ensures a safe, supportive learning environment through awareness activities, prompt grievance redressal, and strict enforcement of disciplinary measures.

1. Chairperson—Dr. Anil Raj K. K., Principal
2. Convenor – Dr. Sheena P. S., HOD Physiology

Table 1.6. Anti-Ragging Committee members

Sl.No	Name of Member	Designation & Department
1	Dr. Shibu T. S.	HOD Biochemistry
2	Dr. Jasmine K. A.	Associate Professor, Microbiology
3	Dr. Abdul Aslam	Assistant Professor, Pharmacology
4	Dr. Renny Issac	Associate Professor, General Medicine
5	Dr. Jenyz Mohammedali Mundodan	Assistant Professor, Community Medicine

1.4 Conclusion

Government Medical College, Manjeri, is a vital public medical institution that has significantly strengthened healthcare delivery and medical education in Malappuram district

since its establishment in 2013. The college has shown consistent progress in infrastructure development, academic expansion, and clinical services, supported by a well-equipped tertiary care hospital. Its clearly defined administrative structure ensures effective governance, accountability, and coordinated functioning across departments. Active institutional committees and the Medical Education Unit uphold standards in curriculum implementation, research ethics, and faculty development. Overall, GMC Manjeri reflects a strong commitment to quality education, ethical research, patient care, and sustained institutional growth.

CHAPTER 2

MCH ACADEMIC OVERVIEW

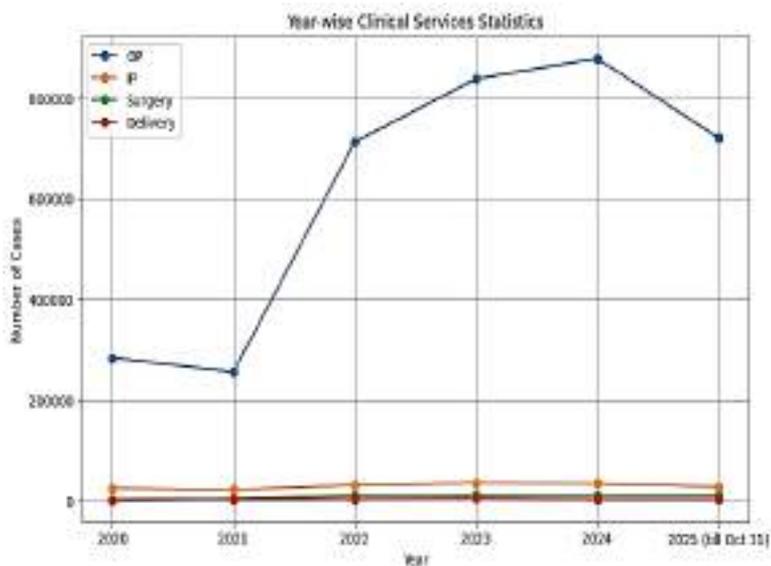
2.1 MCH Fact sheet regarding the Departments and Facilities

OP, IP, Surgery & Delivery Details

This table presents the year-wise statistics of outpatient (OP), inpatient (IP), surgical procedures, and deliveries conducted at Government Medical College, Manjeri. It highlights trends in patient load and clinical services, reflecting the institution's expanding role in comprehensive healthcare delivery over the years.

Table 2.1. Year-wise details of the number of OP, IP, Surgeries & Deliveries

YEAR	OP	IP	SURGERY	DELIVERY
2020	283915	24261	1628	1925
2021	255240	20921	3982	3078
2022	712851	30505	9643	3896
2023	837886	35327	11266	4415
2024	878768	33992	10151	3535
2025 (till Oct 31st)	720995	27022	9589	2640



OP load shows a sharp rise from 2022 onward, peaking in 2024, with a slight drop in 2025 (partial year). IP admissions follow a steady increase until 2023, then a marginal decline. Surgeries and deliveries show a consistent growth trend post-2021, reflecting expansion of clinical services. The 2025 values are understandably lower as data is up to October 31.

Fig. 1.4. Year-wise clinical service statistics of GMC Manjeri

2.2 Undergraduate Courses

The MBBS programme at Government Medical College, Manjeri, is a recognized undergraduate medical course conducted in accordance with National Medical Commission (NMC) and Kerala University of Health Sciences (KUHS) regulations. With an annual intake of 110 students and a duration of 4.5 years followed by one year of compulsory internship, the programme admits candidates through NEET and holds valid recognition from KUHS and the NMC.

MBBS

1. Seat allocation—110 seats per Year
2. Duration - (4.5 + 1) years
3. Eligibility - Scoring appropriate percentage for the NEET exam
4. Recognition-
 - KUHS (last annual renewal): UG & PG: 5/6/2025
 - NMC UG: 24/4/2019

2.3 - Postgraduate Courses

The table below outlines the postgraduate medical courses offered at Government Medical College, Manjeri, detailing departmental seat allocation and recognition status by KUHS and the NMC.

Table 2.2: Details of Postgraduate courses

SL.NO.	DEPARTMENT	SEAT Allocation	Recognition	
			KUHS	NMC
1	MS Ophthalmology	2	05-06-25	29-11-21
2	MS Otorhinolaryngology	2	05-06-25	19-10-21
3	MD Dermatology	2	05-06-25	24-11-21

No Super-Speciality courses in GMC Manjeri

2.4 Proposals for academic development

Here is the display of proposed postgraduate seat allocation and seat enhancement (department-wise) across various specialties at Government Medical College, Manjeri.

New PG / SS proposals

Table 2.3 Department-wise number of new PG seats

Department	No. of PG Seats proposed
Anatomy	2
Anaesthesiology	3
Dermatology	1 enhancement

ENT	1 enhancement
Forensic Medicine	2
Biochemistry	3
Microbiology	3
OBG	3
Ophthalmology	1 enhancement
Physiology	2
Paediatrics	2
Pharmacology	2
Psychiatry	2
Pulmonary Medicine	2
General surgery	2

2.5 Conclusion

Government Medical College, Manjeri, offers a well-structured undergraduate MBBS programme with adequate annual intake, aligned with NMC and KUHS regulations, supported by robust academic and clinical training. The institution also conducts recognized postgraduate programmes in select clinical specialties, contributing to specialist training and academic growth. In addition, proposals for expansion of postgraduate seats and introduction of new specialties reflect the college's commitment to strengthening academic capacity and meeting future healthcare needs. The college supports its academic mission with substantial clinical exposure, evidenced by consistently high outpatient and inpatient attendance. A significant volume of surgical procedures and deliveries further enhances hands-on training and comprehensive learning for both undergraduate and postgraduate students.

CHAPTER 3

DEPARTMENT-WISE HEALTH FACILITIES

3.1- Overview of facilities

A well-equipped tertiary care hospital with over 500 beds, multiple operation theatres, and a wide range of specialised ICUs to support advanced patient care. Academic and diagnostic support is ensured through separate OPD blocks, a central laboratory, a blood bank, radiology services, and a 24-hour pharmacy. In addition, the institution provides strong educational infrastructure with a central library, modern lecture theatres, a skill laboratory, and separate hostels, along with essential amenities such as round-the-clock emergency services and canteen facilities for students, staff, and patients.

Table 3.1: Details of facilities available in GMC, Manjeri

Facility	Details
Total Bed Strength	500+ beds
Operation Theatres	10+ (Major & Minor)
ICUs	Medical ICU, Surgical ICU, NICU, PICU, ICCU, Labour Room ICU
OPD Blocks	Separate OPDs for all major departments
Central Laboratory	Biochemistry, Microbiology, Pathology
Blood Bank	Licensed, 24×7 functioning
Radiology	X-ray, Ultrasound, CT Scan
Pharmacy	24-hour hospital pharmacy

Casualty / Emergency Dept.	24×7 emergency services
Central Library	8000+ volumes, digital access, e-journals
Hostels	Separate for UG, PG, and Nursing students (Male/Female)
Lecture Theatres	Smart classrooms, audiovisual aids
Skill Lab	Simulation-based training facilities
Canteen & Cafeteria	For students, staff, and patients

List of Departments

Pre-clinical Departments

- Anatomy
- Physiology
- Biochemistry

Para-clinical Departments

- Pathology
- Pharmacology
- Microbiology
- Forensic Medicine
- Community Medicine

Clinical Departments

- General Medicine
- General Surgery

- Obstetrics & Gynaecology
- Paediatrics
- Orthopaedics
- Ophthalmology
- ENT
- Dermatology
- Psychiatry
- Anaesthesiology
- Radiodiagnosis
- Cardiology
- Respiratory Medicine
- Dentistry
- Emergency Medicine
- PMR
- Nephrology
- Neurology

3.2 Department-wise details

3.2.1 Department of Anatomy

Table 3.2 Overview of the Department of Anatomy

Heading	Details
A. Introduction	The Department of Anatomy is a pre-clinical department concerned with Human Anatomy, forming the cornerstone of medical education. The department provides undergraduate teaching for

	110 First-year MBBS students as per NMC/MCI & KUHS curriculum and 60 BSc Nursing students . It also conducts electives for Phase 3 Part-1 MBBS students . Emphasis is placed on clinically oriented teaching, Early Clinical Exposure (ECE), and Vertical Integration rather than purely didactic instruction.
B. Equipment & Facilities	<p>Demonstration Rooms: 2 (78 sqm each; capacity 55 students each; LCD, OHP, blackboard, laptop, sound system).</p> <p>Dissection Hall: 250 sqm; capacity 110 students.</p> <p>Cadaver Preservation: Embalming room (18 sqm), cold room (18 sqm; capacity 8 bodies), storage tanks (3 concrete, 3 fibre).</p> <p>Histology Lab: 150 sqm; capacity 38 students; 60 microscopes.</p> <p>Research Lab: 18 sqm; microtome, digital weighing balances.</p> <p>Museum: 150 sqm; specimens, bones, models; X-ray view boxes.</p> <p>Library-cum-Seminar Room: 30 sqm; capacity 20 students.</p> <p>Faculty & Staff Rooms: Adequate furnished rooms for all categories.</p>
C. Clinical Services	Embalming services for academic purposes and for public dead body transportation (national and international) . Acceptance of body donations with due documentation and respect.
D. Specialty Clinics (if applicable)	Not applicable
E. Operational Statistics	<p>Outpatient: Not applicable</p> <p>Admissions: Not applicable</p> <p>Surgeries (Major/Minor): Not applicable</p>
F. Special Initiatives	Conducted CME “Strokezone-24 – A Neuro-Anatomical Update” (02-02-2024).

	Strong focus on CBME , ECE, vertical integration. Anatomy museum opened for academic visits by schools and colleges.
G. Key Gaps / Future Requirements	Expansion of research infrastructure and enhancement of academic facilities.

3.2.2 Department of Physiology

Table 3.3 Overview of Department of Physiology

Heading	Details
A. Introduction	The Department of Physiology has been functioning since the inception of Government Medical College, Manjeri, in 2013. It provides a strong foundation in basic biomedical sciences for MBBS (110 students/year) and BSc Nursing (60 students/year). The department integrates theory with practical and clinical physiology, emphasizing CBME, early clinical exposure, and development of clinical examination skills.
B. Equipment & Facilities	<p>Laboratories: Hematology Lab, Clinical Physiology Lab, Amphibian Lab, Mammalian Lab.</p> <p>Research Laboratory: Equipped for UG teaching and research.</p> <p>Demonstration Rooms: 2 (one AC) with seating for 40 & 75 students; Interactive LED panels, LCD projector, and audio systems.</p> <p>Departmental Library: More than 100 textbooks (Indian & foreign authors).</p> <p>Microscopes: 60 (1 microscope per student).</p>

Heading	Details
C. Clinical Services	Conducts clinical physiology investigations for teaching purposes, including ECG, spirometry, ergography, perimetry, and hematology practicals. Provides physiological assessment support for clinical correlation.
D. Speciality Clinics (if applicable)	Not applicable
E. Operational Statistics	Outpatient: Not applicable Admissions: Not applicable Surgeries (Major/Minor): Not applicable
F. Special Initiatives	Regular CMEs, quizzes, group discussions, and seminars. CME “Life Sync—Syncing up with a Healthy Lifestyle” (April 2024). Mentorship programmes and academic monitoring. More than 90% pass percentage in MBBS & Nursing courses.
G. Key Gaps / Future Requirements	Expansion of research facilities and additional manpower to meet increasing academic load under CBME.

3.2.3 Department of Biochemistry

Table 3.4 Overview of the Department of Biochemistry

Heading	Details
<p>A. Introduction</p>	<p>The Department of Biochemistry provides comprehensive academic, diagnostic, and research-oriented services, supporting both undergraduate education and patient care at Medical College Hospital (MCH). The department plays a critical role in the diagnosis and monitoring of medical, surgical, obstetric, pediatric, and emergency cases.</p>
<p>B. Equipment & Facilities</p>	<p>UG Practical Laboratory: Fully functional.</p> <p>Central Clinical Biochemistry Laboratory: Provides routine and special investigations.</p> <p>Research Laboratory: Functional.</p> <p>Demonstration Rooms: With audio-visual aids.</p> <p>Library-cum-Seminar Room: Available.</p> <p>Automated Analyzers: For routine and special tests.</p>
<p>C. Clinical Services</p>	<p>24×7 Central Laboratory services including RFT, LFT, blood sugar, electrolytes, and special tests such as CRP, D-dimer, ferritin, CK-MB, Troponins. Supports ICUs, Emergency, OBG, Pediatrics, Medicine, Surgery, and critical care units.</p>
<p>D. Speciality Clinics (if applicable)</p>	<p>Diagnostic support to the Autism Centre, Maternal & Child Health services, and critical care units.</p>

E. Operational Statistics	<p>Outpatient: High daily investigation load (central lab)</p> <p>Admissions: Not applicable</p> <p>Surgeries (Major/Minor): Not applicable</p>
F. Special Initiatives	<p>Proposal for Genetic Laboratory. NABL-aligned quality assurance practices. Faculty-led research projects and undergraduate research mentoring.</p>
G. Key Gaps / Future Requirements	<p>Need for advanced automation, expanded laboratory space, increased technical manpower, and advanced genetic/biochemical testing facilities.</p>

3.2.4 Department of Pathology

Table 3.5 Overview of Department of Pathology

Heading	Details
A. Introduction	<p>The Department of Pathology functions as the diagnostic backbone of the institution, providing laboratory support for patient care while imparting undergraduate medical education in pathology as per the NMC & KUHS curriculum.</p>
B. Equipment & Facilities	<p>Laboratories: Histopathology lab, Cytology lab, Hematology lab.</p> <p>Special Facilities: Frozen section facility.</p> <p>Student Practical Lab: Adequately equipped.</p> <p>Reporting Rooms: Separate areas for faculty.</p> <p>Research Lab: Functional.</p> <p>Museum: Teaching specimens and slides.</p>

Heading	Details
C. Clinical Services	Histopathology reporting of biopsies and surgical specimens, FNAC, bone marrow examination, hematology investigations, autopsy specimen evaluation, and frozen section diagnosis.
D. Speciality Clinics (if applicable)	Frozen Section Service— intraoperative rapid diagnosis for surgical oncology and complex cases.
E. Operational Statistics	<p>Outpatient: Not applicable</p> <p>Admissions: Not applicable</p> <p>Surgeries: • Biopsies - ~395/month • FNAC - ~500/month • Bone marrow - ~2/month</p>
F. Special Initiatives	Frozen section diagnostic services; integration of pathology teaching with clinical departments; support for institutional research activities.
G. Key Gaps / Future Requirements	Upgrading of lecture hall infrastructure and expansion of laboratory space.

3.2.5 Department of Pharmacology

Table 3.6 Overview of Department of Pharmacology

Heading	Details
<p>A. Introduction</p>	<p>The Pharmacology Department excels in teaching, research, and clinical services. Engages students through lectures, small group discussions, and practical demonstrations. Faculty produced peer-reviewed publications in international journals. The department actively monitors and reports Adverse Drug Reactions (ADR) to ensure patient safety. The 2023–24 MBBS pass results were excellent, reflecting effective teaching and student dedication.</p>
<p>B. Equipment & Facilities</p>	<p>Lecture Halls: Well-equipped with AV facilities for interactive sessions.</p> <p>Library: Comprehensive textbooks and journals.</p> <p>Museum: Charts, models, drug specimens.</p> <p>Demonstration Rooms: For practical exercises and small group discussions.</p> <p>CAL Lab: Purchased ex-pharm modules (Nov 2025).</p> <p>Clinical Research Unit: Functional.</p> <p>Faculty Rooms: Adequate for staff.</p>
<p>C. Clinical Services</p>	<p>Pharmacovigilance, ADR monitoring, prescription audits, medication safety awareness, and oversight of interns' prescription training.</p>
<p>D. Speciality Clinics (if applicable)</p>	<p>Not applicable</p>

Heading	Details
E. Operational Statistics	Outpatient: NA Admissions: NA Surgeries (Major/Minor): NA
F. Special Initiatives	Public awareness programmes on ADR reporting (Pharmacovigilance week, Sep 17–23, 2025). Anti-microbial awareness week – essay competition & crossword (Nov 2025). Elective modules for MBBS students on prescription audits.
G. Key Gaps / Future Requirements	Expansion of research unit; dedicated space for advanced research; additional resources for student projects.

3.2.6 Department of Microbiology

Table 3.7 Overview of Department of Microbiology

Heading	Details
A. Introduction	The Microbiology Department includes the Viral Research & Diagnostic Laboratory (VRDL), the NTEP lab, and the ICTC HIV Testing Lab. Engaged in outbreak investigations (Nipah, Monkeypox, COVID-19, West Nile Virus), routine surveillance, infection control, and AMR activities. The department is actively involved in training, awareness programmes, and research.
B. Equipment & Facilities	VRDL with RT-PCR, TrueNAT; NTEP lab with fluorescent microscopy, IGRA; ICTC HIV lab with trained staff; Bacteriology and Serology labs;

Heading	Details
	NABL accreditation in progress; robust ICT and sample management systems.
C. Clinical Services	Diagnostic support for viral infections, TB, HIV, and AMR surveillance; participation in COVID-19 and Nipah management; and routine infection control rounds.
D. Speciality Clinics (if applicable)	Not applicable
E. Operational Statistics	<p>Sample Processed (2025): 8608 total (urine 2541, sputum 1540, blood 1103, aspirates 1237, etc.)</p> <p>VRDL Tests (2025): 1919 total (Nipah RT-PCR 459, Influenza 154, COVID-19 7, West Nile 117, etc.)</p> <p>Serology Tests (2025): 5703 total (HBsAg 634, HCV 572, HAV 918, Dengue NS1 820, etc.)</p>
F. Special Initiatives	Outbreak investigation, awareness programmes (AMR, infection control, WAAW 2025), training workshops for faculty & staff, participation in KARSNET, Pan India Surveillance for Respiratory Viruses, and IEC activities.
G. Key Gaps / Future Requirements	Establishment of an advanced research unit, space expansion, additional technical staff, and full NABL accreditation.

3.2.7 Department of Forensic Medicine

Table 3.8 Overview of Department of Forensic Medicine

Heading	Details
A. Introduction	Established in 2013; undertakes medico-legal work for Malappuram and Wayanad districts; provides postmortem examinations, potency tests, sexual assault examinations, drunkenness assessments, and age certifications. Conducts academic activities for MBBS students under CBME curriculum, special programmes like AETCOM, Electives, casualty postings for interns, and training for nursing students, MBBS students from other colleges, and police trainees.
B. Equipment & Facilities	Department located on the 4th floor, Academic Block-II. Separate rooms for Professor, Associate Professor, 3 Assistant Professors; Demonstration Room, Museum, Lecture Hall, Student Lab, Library, Research Lab. Mortuary 300m away with autopsy tables, air conditioning, and renovated conference hall (50 seats, podium, projector). Museum renovated with walkthrough photographs.
C. Clinical Services	Postmortem examinations, medico-legal examinations of sexual assault survivors and accused, potency testing, drunkenness assessments, and age certifications.
D. Speciality Clinics	Not applicable.
E. Operational Statistics	Autopsies Conducted: 2022 – 586; 2023 – 639; 2024 – 771; 2025 (till Nov 15) – 665 historical data points (2014–2024) maintained graphically in the department.

Heading	Details
F. Special Initiatives	CMEs: “NEGLIGENCE 24” (2024), “AUTOPSIA – An Autopsy Workshop” (2025); live demonstrations of autopsy; endowment awards for top students; renovations of mortuary and museum.
G. Key Gaps / Future Requirements	Not explicitly mentioned; implicit need for continued infrastructure support and faculty strengthening.
H. Faculty Details	Professor & HOD – 1 Associate Professor – 1 Assistant Professors – 3 (1 vacant since 12.09.2025) Senior Resident – 1

3.2.8 Department Of Community Medicine

Table 3.9 Overview of Department of Community Medicine

Heading	Details
A. Introduction	Focused on training MBBS students to function as community physicians in primary care settings. Runs the Family Adoption Programme (FAP), Animal Bite Clinic, and Fever Clinic and collaborates with district health authorities. Internship training started in 2018; intake: 110 MBBS students/year. Involved in outbreak investigations (e.g., Nipah).
B. Equipment & Facilities	<p>Demonstration Rooms: 2 (50–60 capacity, AV aids).</p> <p>Laboratory: 1 (50–60 capacity).</p> <p>Museum: 1500 sq. ft., topic-wise specimens.</p> <p>Library-cum-Seminar Room: 1 (20 students).</p> <p>Preventive Clinic & Local OP: Functional 24×7.</p>

Heading	Details
C. Clinical Services	Preventive clinic, local OPD services, fever clinic during outbreaks, rabies post-exposure prophylaxis, routine field surveillance, and community health camps.
D. Speciality Clinics (if applicable)	Animal Bite Clinic, Fever Clinic, RPEID Cell for communicable diseases.
E. Operational Statistics	<p>Preventive Clinic Cases: 2025 – 24,707</p> <p>IDRV Administered: 18,377</p> <p>Rabies Immunoglobulin: 8,714</p> <p>Adult/Travel Vaccinations: 886</p> <p>Communicable Disease Reports: 2,201</p> <p>Outbreak Investigations: 3</p> <p>IEC Activities: 11</p> <p>Health Camps: 10</p>
F. Special Initiatives	CME and training workshops: Human Meta Pneumovirus, AI in Medical Research, Research Methodology, Rabies PEP. IEC campaigns: cancer awareness, World TB Day, Menstrual hygiene, and World Heart Day. Electives for students: Palliative care, PHC, Autism, Immunization, IDSP & RPEID participation.
G. Key Gaps / Future Requirements	Space constraints for the Preventive Clinic and Local OP; need for smart classroom implementation; renovation of the museum and student/faculty areas; expansion of the research unit with statistical and

Heading	Details
	technical support; funding for student and faculty conference participation.

3.2.9 Department of General Medicine

Table 3.10 Overview of Department of General Medicine

Heading	Details
A. Introduction	The Department of General Medicine is a major clinical department providing comprehensive adult medical care, undergraduate teaching, and Speciality services. It plays a central role in inpatient, outpatient, emergency, and critical care services.
B. Equipment & Facilities	<p>OPD: Multiple consultation cubicles.</p> <p>IPD: 120 inpatient beds.</p> <p>Critical Care: ICU facilities.</p> <p>Speciality Clinics: Dedicated areas for subSpeciality services.</p> <p>Teaching Facilities: Seminar rooms and demonstration areas.</p>
C. Clinical Services	OPD and IPD services, emergency medicine, ICU care, management of acute and chronic medical illnesses, and referral and consultation services.
D. Speciality Clinics (if applicable)	Nephrology Clinic, Neurology Clinic, and ART Centre

Heading	Details
E. Operational Statistics	<p>Outpatient: High daily OPD load</p> <p>Admissions: ~11,342 admissions/year; bed occupancy >100%</p> <p>Surgeries: Not applicable</p>
F. Special Initiatives	CME “MEDICON”; ART services; integrated Speciality care; undergraduate clinical training programmes.
G. Key Gaps / Future Requirements	Requirements for additional infrastructure, increased manpower, and expansion of Speciality services to meet patient load.

3.2.10 Department of General Surgery

Table 3.11 Overview of Department of General Medicine

Heading	Details
A. Introduction	Core surgical department with 2 wards (72 beds) and 4 surgical units. OPD clinics on weekdays and 24-hour casualty service.
B. Equipment & Facilities	OT Light (Shalya) – 1, 1.5 TON AC – 1, Laparoscopic instruments, Open Surgery instruments, Revolving Chairs – 3, Spot Lights – 3, Semiconductor Laser Unit – 1.3 Clinical Lecture Halls, 1 Seminar Hall, Departmental Library (79 books, 0 journals).
C. Clinical Services	Routine surgical procedures, inpatient care, and 24-hour emergency service.

Heading	Details
D. Speciality Clinics	Not specified.
E. Operational Statistics	OPD: Weekdays Admissions: 72 beds Surgeries: Major/Minor (not specified)
F. Special Initiatives	Ongoing research: Incidence of malignancy in Multinodular Goitre undergoing Thyroidectomy – observational study
G. Key Gaps / Future Requirements	Faculty strength is adequate; there is a need for more journals in the library and to expand CME activities.

3.2.11 Department of Obstetrics & Gynaecology

Table 3.12 Overview of Department of Obstetrics & Gynaecology

Heading	Details
A. Introduction	Functioning since 2014. Provides OP, IP services and routine gynecological and obstetric surgical procedures.
B. Equipment & Facilities	OPD – 3 cubicles, IPD – male & female wards (30 beds), Seminar/Museum Room – 1, HOD Room – 1, Dept Library & Research Room – 1, Residents Room – 1, Minor Theatre – 1, Laser & Procedure Room – 1, STI Counsellor Room – 1. Equipment: Labour suit, Infusion pump, OT LED lights, ICU Cot, Refrigerator, Overbed tables, Emergency/Recovery Trolley, Interactive Board, Audio system.

Heading	Details
C. Clinical services	Routine gynecological & obstetric procedures, IP and OP care.
D. Speciality Clinics	Not specified.
E. Operational Statistics	OPD: Regular Admissions: 30 beds Surgeries: Routine gynecological & obstetric procedures
F. Special Initiatives	CME: Perinatology updates, Academic activities for MBBS students; Research projects: Teenage pregnancy study, Maternal & fetal outcomes based on BMI
G. Key Gaps / Future Requirements	Completion of ongoing construction (Academic area, Newborn nursery with 20 beds); procurement of additional equipment

3.2.12 Department of Paediatrics

Table 3.13 Overview of Department of Paediatrics

Heading	Details
A. Introduction	Started 2013. Provides OP, IP services, including NICU, PICU, HDU, pediatric ward & isolation ward.

Heading	Details
B. Equipment & Facilities	OP – 2 cubicles; Wards – PICU (6), HDU (6), NICU (11), Pediatric ward (27), Isolation ward (10); Speciality Clinics: Newborn clinic, Autism Centre; Department: HOD room with library, Duty room, Classroom with AV facility, Seminar Hall with interactive board. Equipment: Interactive board, Audio system.
C. Clinical Services	Routine pediatric care, inpatient management, NICU, PICU, HDU, and Neonatal care.
D. Speciality Clinics	Newborn clinic, Autism Centre
E. Operational Statistics	OPD: Daily Admissions: 50+ beds (NICU, PICU, wards) Surgeries: Not specified
F. Special Initiatives	CME: Perinatology updates, Neonatal Resuscitation Programme, Newborn week awareness programmes; Research: Translation of Autism tools to Malayalam
G. Key Gaps / Future Requirements	Completion of ongoing construction (Academic area, Newborn nursery with 20 beds), additional staffing for Autism Centres

3.2.13 Department of Orthopaedics

Table 3.14 Overview of Department of Orthopaedics

Heading	Details
A. Introduction	The Department of Orthopaedics provides comprehensive care for trauma and musculoskeletal disorders and is actively involved in undergraduate teaching and emergency services.
B. Equipment & Facilities	<p>OPD: Dedicated consultation cubicles.</p> <p>IPD: 60 inpatient beds.</p> <p>Operation Theatre: Dedicated orthopaedic OT.</p> <p>Equipment: C-arm image intensifier, fracture tables, nerve stimulator, plaster room.</p>
C. Clinical Services	Management of trauma, fractures, dislocations, degenerative disorders, infections, and congenital orthopaedic conditions; elective and emergency orthopaedic surgeries.
D. Speciality Clinics (if applicable)	Not specified
E. Operational Statistics	<p>Outpatient: ~9000 patients/month</p> <p>Admissions: Regular trauma and elective admissions</p> <p>Surgeries: • Major – ~1500/year, • Minor – ~2000/year</p>
F. Special Initiatives	Active undergraduate teaching; participation in trauma care and emergency response.

Heading	Details
G. Key Gaps / Future Requirements	Faculty vacancies; need for expansion of infrastructure and advanced orthopaedic equipment.

3.2.14 Department of Ophthalmology

Table 3.15 Overview of Department of Ophthalmology

Heading	Details
A. Introduction	The Department of Ophthalmology provides comprehensive eye care services and contributes to undergraduate and postgraduate medical education.
B. Equipment & Facilities	<p>OPD: Dedicated cubicles.</p> <p>IPD: Inpatient ward.</p> <p>Operation Theatre: Dedicated ophthalmic OT.</p> <p>Special Facilities: Wet lab; diagnostic equipment for anterior and posterior segment evaluation.</p>
C. Clinical Services	Cataract surgery, glaucoma management, retina services, corneal disorders, pediatric ophthalmology, emergency eye care.
D. Speciality Clinics (if applicable)	Retina Clinic, Glaucoma Clinic, Cornea Clinic, Squint Clinic
E. Operational Statistics	<p>Outpatient: ~250 patients/day</p> <p>Admissions: As per surgical load</p>

Heading	Details
	Surgeries: ~15 surgeries per OT day
F. Special Initiatives	Community eye camps; CME “ KIRANAM ”; outreach ophthalmic services.
G. Key Gaps / Future Requirements	Expansion of OT facilities and advanced diagnostic equipment.

3.2.15 Department of Otorhinolaryngology

Table 3.16 Overview of Department of Otorhinolaryngology

Heading	Details
A. Introduction	The Department of ENT provides diagnostic and therapeutic services for ear, nose, and throat disorders and is actively involved in undergraduate medical education.
B. Equipment & Facilities	<p>OPD: ENT examination units.</p> <p>IPD: Dedicated beds.</p> <p>Operation Theatre: ENT OT.</p> <p>Equipment: Endoscopes, microscopes, audiology facilities.</p>
C. Clinical Services	Management of ENT infections, hearing disorders, vertigo, airway emergencies, head and neck conditions, and elective and emergency ENT surgeries.

Heading	Details
D. Speciality Clinics (if applicable)	Audiology and Vertigo Clinic
E. Operational Statistics	<p>Outpatient: Regular high OPD load</p> <p>Admissions: As per surgical and medical need</p> <p>Surgeries: Major and minor ENT surgeries performed regularly</p>
F. Special Initiatives	Undergraduate skill-based training; outreach ENT services.
G. Key Gaps / Future Requirements	Advanced endoscopic equipment; infrastructure expansion.

3.2.16 Department of Dermatology

Table 3.17 Overview of Department of Dermatology

Heading	Details
A. Introduction	Started in 2014. Provides OP, IP services, academic activities, and postgraduate training (2 per year since 2022). Routine dermatological procedures, minor surgeries, and STI and leprosy care are provided.
B. Equipment & Facilities	OP – 3 cubicles, Male & Female wards, HOD room – 1, Associate Professor – 1, Assistant Professor – 1, SR room – 1, JR room – 1, Seminar room & Museum – 1, Research lab & library – 1, Laser room, Minor Theatre. Procedures include skin biopsy, electrosurgery, cryosurgery, chemical

Heading	Details
	peels, PRP, vitiligo surgery, nail surgery, phototherapy, laser therapy, acne surgeries, and more.
C. Clinical Services	Outpatient care (avg 270/day), inpatient care (avg 15/month), 24-hour casualty services, STI & leprosy management, minor surgical procedures. Lab services: Fungal scraping, Tzanck smear, Gram staining, nail/vaginal smear, slit skin smear, tissue smear.
D. Speciality Clinics	Psoriasis, Vitiligo, Connective Tissue Diseases, Vesiculobullous Diseases, STI & Leprosy clinics; community camps for STI & leprosy detection.
E. Operational Statistics	<p>OPD: 270/day</p> <p>Admissions: 15/month</p> <p>Procedures/month: Skin biopsy – 20, Electrosurgery – 40, Cryosurgery – 20, Chemical peels – 10, Intra-lesional injections – 15, PRP – 10, Iontophoresis – 5, Microdermabrasion – 5, Acne surgeries – 15, Vitiligo surgeries – 1, Nail surgeries – 3, Laser procedures – 25, Phototherapy – 200, Chemical cautery – 20, AST – 5, Paring – 5, Needle extraction – 3.</p> <p>Lab procedures/month: Fungal scraping – 40, Tzanck smear – 15, Gram staining – 5, Nail clipping – 12, Vaginal smear – 10, Slit skin smear – 5, Tissue smear – 2.</p>
F. Special Initiatives	Postgraduate and faculty participation in state/regional conferences, PG quiz runner-up 2023, BLS & ACLS, BCBR, ethics training, CISP training for faculty, revised basic courses, CME & workshop attendance.
G. Key Gaps / Future Requirements	Infrastructure: inadequate space, need for new OP block, minor theatre, skin lab; improve dermatosurgery facilities; implement referral system; better patient care for rural and tribal populations.

Heading	Details
H. Human Resources Profile	Professor & HOD – 1, Associate Professor – 1, Assistant Professor – 1, Senior Residents – 2, Junior Residents – 2/year. Additional duties: HOD – Pharmacovigilance, Associate Prof – RNTCP, Asst. Prof – Nodal Officer for Monkeypox & NMC.
I. Research Initiatives & Achievements	Publications: 2 last year; ongoing research: Genotyping of HSV, Topical steroids in alopecia areata, Vitamin D in chronic urticaria, Trichoscopic findings in male androgenetic alopecia, PASI correlation in psoriasis, Peri-orbital melanosis, Dermatophytosis, Dermatology life quality index studies, Foot dermatitis, Lichen planus dermoscopic evaluation.

3.2.17 Department of Psychiatry

Table 3.18 Overview of Department of Psychiatry

Heading	Details
A. Introduction	The Department of Psychiatry provides mental health services and undergraduate teaching, catering to a wide range of psychiatric disorders and consultation-liaison services.
B. Equipment & Facilities	OPD: Dedicated consultation room. IPD: 30-bed inpatient ward. Teaching Facilities: Seminar room.
C. Clinical Services	OPD and IPD psychiatry services, emergency psychiatry, consultation-liaison psychiatry, de-addiction services.

Heading	Details
D. Speciality Clinics (if applicable)	Child Psychiatry Clinic, Geriatric Psychiatry Clinic, De-addiction Services
E. Operational Statistics	Outpatient: 80–100 patients/day Admissions: Regular psychiatric admissions Surgeries: Not applicable
F. Special Initiatives	Legal psychiatry support; mental health awareness programmes.
G. Key Gaps / Future Requirements	Additional space, isolation rooms, and enhanced inpatient facilities.

3.2.18 DEPARTMENT OF ANAESTHESIOLOGY

Table 3.19 Overview of Department of Anaesthesiology

Heading	Details
A. Introduction	The Department of Anaesthesiology provides comprehensive anesthesia and perioperative care services, supporting all surgical specialties and critical care services of the institution. It also contributes to undergraduate medical education and emergency services.
B. Equipment & Facilities	Operation Theatres: 7 elective OTs and 2 emergency OTs. Critical Care: ICUs with ventilators and multi-parameter monitors.

Heading	Details
	<p>Equipment: Anesthesia workstations, ventilators, defibrillators, ultrasound machines, video laryngoscopes, infusion pumps, and monitors.</p> <p>Teaching Facilities: Seminar room and departmental rooms.</p>
C. Clinical Services	General, regional, and local anesthesia for elective and emergency surgeries; ICU care; pain management; airway management; central venous and arterial line insertions; perioperative critical care support.
D. Speciality Clinics (if applicable)	Pre-Anaesthesia Evaluation Clinic (PAC)
E. Operational Statistics	<p>Outpatient: PAC clinic functioning regularly</p> <p>Admissions: ICU admissions managed</p> <p>Surgeries: • Major surgeries – 5124/year • Minor surgeries – 4292/year • Emergency procedures – 1365/year</p>
F. Special Initiatives	Regular BLS and ACLS training for interns and staff; active participation in institutional emergency preparedness programmes.

3.2.19 Department of Radiodiagnosis

Table 3.20 Overview of Department of Radiodiagnosis

Heading	Details
A. Introduction	The Department of Radiodiagnosis has been functioning since 2014 and provides comprehensive diagnostic imaging services supporting all clinical departments, emergency services, and critical care units.

Heading	Details
B. Equipment & Facilities	<p>CT Scanners: 128-slice CT, 16-slice CT.</p> <p>Ultrasound: 3 machines.</p> <p>Mammography Unit: Available.</p> <p>X-ray Units: Digital Radiography (DR), Computed Radiography (CR), portable X-ray units.</p> <p>MRI: 1.5 Tesla MRI – under installation.</p>
C. Clinical Services	<p>Routine and emergency imaging, including X-ray, ultrasound, CT scans, mammography; 24×7 emergency imaging services.</p>
D. Speciality Clinics (if applicable)	<p>Emergency radiology services for trauma, stroke, and acute medical/surgical conditions.</p>
E. Operational Statistics	<p>Outpatient: • X-ray – ~250/day • CT & USG – 40–50/day</p> <p>Admissions: Not applicable</p> <p>Surgeries: Not applicable</p>
F. Special Initiatives	<p>Expansion of advanced imaging services; preparedness for MRI-based diagnostics.</p>
G. Key Gaps / Future Requirements	<p>Commissioning of MRI services; additional trained manpower.</p>

3.2.20 Department of Physical Medicine & Rehabilitation (PMR)

Table 3.21 Overview of Department of Physical Medicine & Rehabilitation (PMR)

Heading	Details
A. Introduction	Started in 2024. Provides rehabilitation services for patients with CVA, spinal cord diseases, brain injuries, neuromotor developmental disorders, orthopedic and geriatric conditions. Serves rural and tribal populations from Malappuram, Palakkad, Wayanad, Kozhikode, Nilambur, Attapadi.
B. Equipment & Facilities	OPD—Tuesdays & Saturdays; Neurophysiology lab—NCS, EMG (all days except Sunday); Physiotherapy unit (exercise & electrotherapy); Artificial Limb Centre (prosthesis & orthosis fabrication); Senior Residency Program; Community outreach programmes.
C. Clinical Services	OPD care – 13,229 cases (8,300 females); Musculoskeletal interventions – 122; Physiotherapy – 21,376 sessions, 1,976 beneficiaries; Neurophysiology – 1,046 NCS, 8 EMG; Orthotic appliances – 48; Prostheses – 11.
D. Speciality Clinics	Not specified. Focus on rehabilitation and community outreach.
E. Operational Statistics	OPD – 13,229 cases Physiotherapy – 21,376 sessions Neurophysiology – 1,054 tests Orthotic & prosthetic appliances – 59
F. Special Initiatives	World Disability Day program, health education on maternal well-being, RBSK camp participation, Senior Residency Programme completion.

Heading	Details
G. Key Gaps / Future Requirements	Infrastructure needed: 30-bed ward, physiotherapy & occupational therapy units, procedure room, electrodiagnosis & USG room, HOD & professor room. Occupational & speech therapy units are currently absent.

3.2.21 Department of Respiratory Medicine

Table 3.22 Overview of Department of Respiratory Medicine

Heading	Details
A. Introduction	Provides OPD, IPD, and routine respiratory procedures, including bronchoscopy. Staff: 1 Professor, 2 Assistant Professors, 2 Senior Residents. Two wards (female included) with 15 beds.
B. Equipment & Facilities	OPD – 1 cubicle; IPD – 1 male, 1 female ward; HOD room – 1; Assistant Professor room – 1; Bronchoscopy procedure room – 1 (inside OT); Minor OT – 1 (shared). Purchased a DLCO machine.
C. Clinical Services	Routine respiratory care, OPD & IPD services, bronchoscopy procedures.
D. Speciality Clinics	Not specified.
E. Operational Statistics	OPD – Regular, Admissions – 15 beds Procedures – Bronchoscopy, routine respiratory procedures
F. Special Initiatives	CME participation (Chest-2024)

Heading	Details
G. Key Gaps / Future Requirements	Staffing is limited (no associate professor), expansion of facilities and equipment is needed, and more CME & research engagement is required.
H. Research & Publications	Ongoing research project in Tuberculosis; Abstract publication 2024.

3.2.22 Department of Cardiology

Table 3.23 Overview of Department of Cardiology

Heading	Details
A. Introduction	Provides comprehensive cardiac care including OPD, diagnostic, interventional procedures. Recent infrastructure upgrades: new OPD, relocation of Echo & TMT rooms. Focus on expanding interventional cardiology services.
B. Equipment & Facilities	Ward – 10 beds; Cath lab – 1; CCU – 8 beds; Cath ICU – 3 beds; Echo room – 1; TMT room – 1; OPD cubicle & waiting area; HOD room – 1. Equipment: Cath lab machine, USG, IABP, Defibrillator, ABG, ACT machine, multipara monitor, infusion pumps, ventilator, BP apparatus, Holter, TMT, Echo, temporary pacemaker, cardiac monitor, portable ventilator, cardiac table, handheld echo, patient trolley, wheelchair, furniture.
C. Clinical Services	OPD consultations (Mon & Thu), inter-department consultations, non-invasive diagnostics (Echo, TMT), invasive procedures (Coronary angiogram, angioplasty, temporary & permanent pacemaker implantation, pericardial effusion tapping, Holter monitoring).

Heading	Details
D. Speciality Clinics	Not specified.
E. Operational Statistics	<p>Outpatient: 12,731 (2025)</p> <p>Inpatient: 650 (2025)</p> <p>Consultations from other departments: 3,071</p> <p>Echo: 6,062</p> <p>TMT: 1,126</p> <p>Cath Lab procedures: 515</p>
F. Special Initiatives	Focus on expanding interventional cardiology, improved OPD patient amenities.
G. Key Gaps / Future Requirements	Shortage of staff nurses and junior doctors, infrastructural limitations (no dedicated rooms for associate professors & technicians), lack of washrooms in cath lab, need for expansion to support CTO, ICD, CRT, TEE, structural heart interventions.
H. Research & Publications	None currently.
I. Future Plans	Increase angioplasty procedures, expand interventional cardiology (CTO, ICD, CRT), increase the frequency of TEE, and initiate structural heart interventions.

3.2.23 Department of Emergency Medicine

Table 3.24 Overview of Department of Emergency Medicine

Heading	Details
A. Introduction	24×7 acute care department handling ~500 patients/day; manages trauma, medical, surgical, and pediatric emergencies; equipped with modern monitoring and life-saving systems.
B. Equipment & Facilities	Current: 6 ED beds, 12 observation beds, Mobile ICU, procedure room, plaster room, pediatric casualty (2 beds), nursing rooms, doctors' rooms, reception, waiting area, ophthalmology area with slit lamp, 1 AC. Planned: Renovation (₹10 lakh), full AC, triage system, maintenance upgrades.
C. Clinical Services	Emergency care for trauma, medical, surgical, and pediatric patients; wide range of emergency procedures performed.
D. Speciality Clinics	Not applicable.
E. Operational Statistics	OPD/ED: ~500 patients/day; 24×7 coverage with support from Medicine, Surgery, Anesthesia, Pediatrics, Orthopedics. Single emergency physician covers 8 AM–3 PM + 1 night/week; other shifts covered by junior doctors from various departments; triage is handled by interns.
F. Special Initiatives	Daily intern training in emergency procedures; CME expansion plans.
G. Key Gaps / Future	Need more faculty, nurses, residents; additional space; portable USG and portable X-ray machine.

Heading	Details
Requirements	
H. Academic Activities	Daily intern training; emergency procedures workshops; CME plans in progress.
I. Research	Publications: NIL; Ongoing research: 1 study.
J. Future Plans	New ED with 30 beds, 6-bed ICU, isolation & decontamination room; NABH-compliant; start PG seats after professor recruitment; establish AHA training centre; monthly CMEs; stronger research output.

CHAPTER- 4**HUMAN RESOURCES PROFILE****4.1 Faculty strength****Table 4.1: Department wise & Category wise faculty strength (as on September 2025)**

Department	Designation	Sanctioned post	Present strength	Vacancy
	Principal	1	1	0
Anatomy	Professor	1	1	0
	Associate Professor	1	1	0
	Assistant Professor	6	6	0
Physiology	Professor	1	1	0
	Associate Professor	1	0	1
	Assistant Professor	6	6	0
Biochemistry	Professor	1	1	0
	Associate Professor	1	1	0
	Assistant Professor	5	4	1
Pharmacology	Professor	1	1	0
	Associate Professor	1	1	0

	Assistant Professor	4	4	0
Pathology	Professor	1	1	0
	Associate Professor	2	2	0
	Assistant Professor	6	6	0
Microbiology	Professor	1	1	0
	Associate Professor	1	1	0
	Assistant Professor	5	5	0
Forensic Medicine	Professor	1	1	0
	Associate Professor	1	1	0
	Assistant Professor	3	2	1
Community Medicine	Professor	1	1	0
	Associate Professor	2	2	0
	Assistant Professor	6	5	1
	Epidemiologist cum Assistant Professor	1	0	1
	Statistician cum Assistant Professor	1	1	0

General Medicine	Professor	1	1	0
	Associate Professor	3	3	0
	Assistant Professor	4	4	0
Paediatrics	Professor & HOD	1	1	0
	Associate Professor	1	1	0
	Assistant Professor	2	2	0
Pulmonary Medicine	Professor	1	1	0
	Assistant Professor	2	1	1
Dermatology	Professor	1	1	0
	Associate Professor	1	1	0
	Assistant Professor	1	0	1
Psychiatry	Associate Professor	1	0	1
	Assistant Professor	1	1	0
General Surgery	Professor	1	1	0
	Associate Professor	3	3	0

	Assistant Professor	4	4	0
Orthopaedics	Professor	1	0	1
	Associate Professor	1	1	0
	Assistant Professor	2	0	2
ENT	Professor	1	1	0
	Associate Professor	1	1	0
	Assistant Professor	1	1	0
Ophthalmology	Professor	1	1	0
	Associate Professor	1	1	0
	Assistant Professor	1	1	0
OBG	Professor	1	1	0
	Associate Professor	2	2	0
	Assistant Professor	2	2	0
Anaesthesiology	Professor	1	1	0
	Associate Professor	2	2	0
	Assistant Professor	5	5	0

Radiodiagnosis	Professor	1	1	0
	Associate Professor	1	0	1
	Assistant Professor	1	1	0
OMFS	Professor	1	1	0
	Associate Professor	1	1	0
	Assistant Professor	1	1	0
Transfusion Medicine	Assistant Professor	1	1	0
Emergency Medicine	Associate Professor	1	0	1
	Assistant Professor	1	1	0
PMR	Assistant Professor	1	1	0
Cardiology	Professor	1	1	0
	Associate Professor	1	1	0
	Assistant Professor	1	0	1
Cardio Thoracic (CVTS)	Associate Professor	1	1	0
	Assistant Professor	1	0	1

Nephrology	Assistant Professor	1	1	0
Neurology	Assistant Professor	1	1	0
Urology	Assistant Professor	1	0	1
Total		131	115	16

4.2 Non-Teaching staff

Table 4.2: Non-teaching staff strength as on September 2025

Sl. No.	Name of the post	Sanctioned		
		Permanent	Outsource	Total
1	Senior Administrative Officer	1	0	1
2	Accounts Officer	1	0	1
3	Senior Superintendent	1	0	1
4	Medical Record Superintendent	1	0	1
5	Scientific Assistant (Physiotherapy)	1	0	1
6	Junior Superintendent	1	0	1
7	Lab Technician	8	7	15
8	Clerk	10	5	15

9	Confidential Assistant Gr. II	4	0	4
10	Radiographer	2	1	3
11	Dental Mechanic	1	0	1
12	Medical Record Librarian	1	0	1
13	Anaesthesia Technician Gr. II	4	0	4
14	Office Attendant	2	4	6
15	Librarian Gr. II	1	0	1
16	Librarian Gr. III	2	0	2
17	Library Attender	1	0	1
18	Mortuary Technician	1	0	1
19	Health educator	1	0	1
20	Health Inspector Gr. II	1	0	1
21	Rehabilitation Technician (Prosthetics)	1	0	1
22	Rehabilitation Technician (Orthotic)	1	0	1
23	Artist	1	0	1
24	Theatre Mechanic	1	0	1
25	Lab Assistant (Dialysis)	2	0	2
26	Lab Assistant	0	5	5

27	Driver	0	1	1
28	Dhobi	0	5	5
29	Power Laundry Attender	0	5	5
30	Blood Bank Technician	0	2	2
31	Technical Assistant Engineer	1	1	2
32	Junior Technical Assistant Engineer	1	1	2
33	Data Entry Operator	2	0	2
34	Attendant	2	0	2
35	Library Assistant	0	1	1
36	ECG Technician	1	0	1
37	CSR Technician	2	0	2
38	Assistant Security Officer	1	0	1
39	Carpenter	0	1	1
40	Social Worker	0	1	1
	TOTAL	61	40	101

CHAPTER- 5

HEALTH INFRASTRUCTURE DEVELOPMENT

5.1 - Overview

Campus Layout

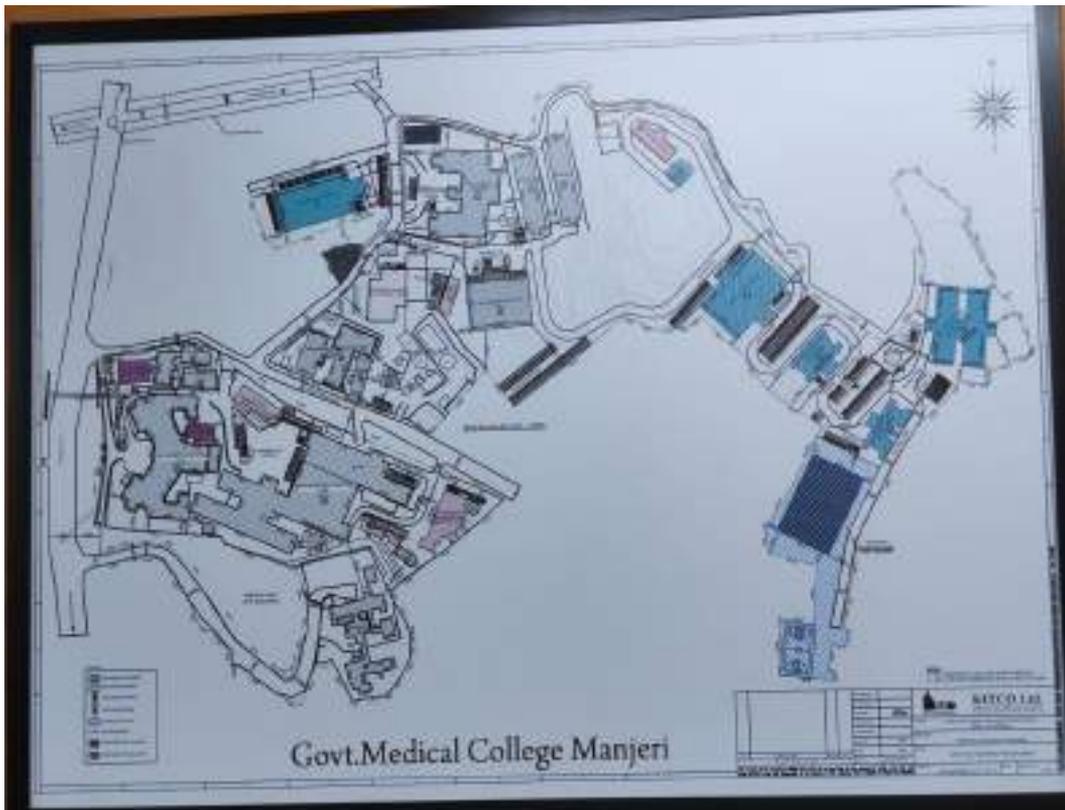


Fig 5.1 Layout of GMC Manjeri campus

5.2 Existing infrastructure

Old Academic block



New Academic block



Hospital OP block



Ladies Hostel



Men's Hostel



Teaching Staff Quarters



Non-Teaching Staff Quarters



Library



Skill Lab



5.3 Infrastructure projects

Equipment upgrades

A new CT scanner at Government Medical College, Manjeri, was installed, marking a significant advancement in diagnostic facilities at the institution. With the installation of this advanced imaging equipment, patients can now access timely and accurate diagnostic services within the medical college hospital itself. This development is expected to reduce referral delays, improve early diagnosis, and strengthen emergency and Speciality care services. The availability of the CT scanner will particularly benefit patients from Malappuram district and surrounding regions, who largely depend on government healthcare facilities. Overall, the initiative represents a major step toward enhancing patient care quality and strengthening the institution's diagnostic infrastructure.

5.4 Future Projects/Proposals

New Auditorium



Artificial Limb Rehabilitation Centre



CHAPTER- 6

SPECIFIC PROGRAMMES

6.1 introduction

Following government schemes and department-led public health programmes reflect the State's commitment to ensuring equitable, affordable, and comprehensive healthcare delivery. Through initiatives such as Karunya Arogya Suraksha Padhathi, Arogyakiranam, Karunya Benevolent Fund and MEDISEP, financial protection and access to quality care are extended to vulnerable populations, children, and government employees. The consistent utilisation of these schemes over the years highlights their vital role in supporting secondary and tertiary care services. In addition, department-led public health and special programmes strengthen preventive, promotive, and early intervention services through surveillance, outreach, and speciality clinics. Collectively, these programmes significantly enhance patient care outcomes and reinforce the institution's public health mandate.

6.2 Government Schemes Implemented



Karunya Arogya Suraksha Padhathi (KASP)

KASP is the health care scheme that aims at providing a health cover of Rs. 5 lakhs per family per year for secondary and tertiary care hospitalisation to over 42 lakh poor and vulnerable families (approximately 64 lakh beneficiaries) that form the bottom 40% of the Kerala population.

Table 6.1 Year-wise Beneficiaries and Expenditure under Karunya Arogya Suraksha Padhathi, 2020-2024

Scheme	Year	Total Beneficiaries	Total Amount (In Rs)
KASP	2020	6036	42650977
	2021	9606	103708234
	2022	16914	185802010
	2023	15589	201641777
	2024	14680	188708155
TOTAL		62825	722511153

Arogyakiranam (AK)



The Arogyakiranam (AK) programme is a state-initiated entitlement scheme in Kerala for 0- to 18-year-olds (excluding dependents of government servants and income taxpayers), which provides free investigation and treatment for health conditions other than the 30 conditions covered under Rashtriya Bal Swasthya Karyakram (RBSK).

Table 6.2 Year-wise Beneficiaries and Expenditure under Arogyakiranam, 2020-2024

Scheme	Year	Total Beneficiaries	Total Amount (In Rs)
AK	2020	0	0
	2021	0	0
	2022	0	0
	2023	89	1008696
	2024	468	4366626
TOTAL		557	5375322

Karunya Benevolent Fund (KBF)



Karunya Benevolent Fund is an assurance scheme of the State Government that provides financial aid for poor people suffering from serious ailments by raising funds through the Kerala lottery. The scheme is managed by the State Lotteries Department (Taxes). Karunya Benevolent Fund is providing financial assistance to underprivileged people suffering from acute ailments like Cancer, Haemophilia, Kidney and Heart diseases and for Palliative Care.

The amount for the health scheme is raised through lottery. This welfare measure is helpful to those who suffer from ailments, the cost of treatment of which is proven to be unbearable to lower and even middle strata of society with an annual family income of less than Rs.3 lakhs.

Table 6.3 Year-wise Beneficiaries and Expenditure under Karunya Benevolent Fund, 2020-2024

Scheme	Year	Total Beneficiaries	Total Amount (In Rs)
KBF	2020	0	0
	2021	200	5332480
	2022	309	18056386
	2023	333	17329270
	2024	461	22722070
TOTAL		1303	63440206

MEDISEP



Medical Insurance Scheme for State Employees and Pensioners (MEDISEP) is an insurance scheme launched by the Government of Kerala to provide comprehensive health insurance coverage to all serving State Government employees and pensioners. The beneficiaries include newly recruited employees and their families, part-time employees, all staff of aided schools and colleges and their families, pensioners and their spouses and family pensioners.

Table 6.4 Year-wise Beneficiaries and Expenditure under MEDISEP, 2020–2024

Scheme	Year	Total Beneficiaries	Total Amount (In Rs)
MEDISEP	2020	0	0
	2021	0	0
	2022	85	1289700
	2023	291	1823974
	2024	250	2730460
TOTAL		626	5844134

6.3 Department-led Public Health & Special Programmes

- **Anti-rabies Immunisation clinic**

The Preventive Clinic Provides 24x7 services for animal exposures. Administration of Intradermal rabies vaccination and Rabies immunoglobulin as per National guidelines. Manned by a Medical Officer from Community Medicine, JR Community Medicine and interns

Optional vaccines are also given from the Preventive Clinic for adults, as well as travel vaccines

- **Local OP**

Caters to patients reporting with common ailments from the wards around GMC Manjeri. Manned by a JR from Community Medicine and interns

- **Fever Clinic**

Functions only during fever outbreaks during the monsoon months

- **Regional Prevention of Epidemics and Infectious Diseases Cell (RPEID Cell)**

Daily reporting of Communicable diseases to the District and State PEID Cell. Conducts outbreak investigations and collaborates with the District team in the control and prevention of outbreaks.



Cancer screening care programme 'Arogyam Anandam' under the Ministry of Health, Kerala Govt., from February 4th to March 8th 2025 – Reported around 2000 cervical smears from the Manjeri Govt hospital and local health centres and was considered a great success.



ICMR funded VDRL Lab
under Department of
Microbiology, GMC
Manjeri, inaugurated by
Honourable DME,
Dr Viswanathan

**Fig 6.1 ICMR-Funded VDRL Lab
Inauguration at GMC Manjeri**



ICMR funded VDRL Lab under Department of Microbiology, GMC Manjeri in Newspaper- 5 July 2025

Fig 6.2 Newspaper Report on ICMR-Funded VDRL Lab, Department of Microbiology, GMC Manjeri

6.4 Research & surveillance programmes

Intersectoral programmes

- Monthly Death audit of Communicable diseases in collaboration with the District health team
- COVID-19 Ex gratia committee meetings in collaboration with the district Health team
- Health Planning Subcommittee meeting at the District Medical office
- Monthly Interns Review programmes
- Nipah outbreak response meetings and activities

6.5 Community outreach activities

Health Camps

- Mega health camp at Irumbuzhi school with specialist doctors (Paediatrics, Dermatology, Medicine, OBG)
- Health camp for primary school children – Dental, Paediatric, dermatology specialists
- Health camp at Anakayam
- Rabies Pre exposure vaccination camp for undergraduate students
- Swash Naari Sashakth Pariwar Abhiyan – Series of camps for women for NCD detection, anaemia screening, immunisation, Antenatal checkups, etc.

6.6 Academic & clinical support initiatives

Table 6.5 Year-wise Academic and Clinical Support Programmes Conducted (2024–2025)

Year	Month	Department	CME/Training Program
2024	January	General Medicine	Medicon 2024
		Community Medicine	Training on an interactive LED panel
		Pharmacology	Farmakologikes Enemerosis—Pharmacology updates
	February	Anatomy	Strokezone—A Neuroanatomical Update" on 2nd February 2024

		Community Medicine	Training on ClassPoint for faculty
		Community Medicine	3-day workshop on entomology
	March	Pathology	Lymphopath
		Anaesthesiology	BLS & ACLS—3-day workshop for all OT Nursing & paramedical staff
	April	Physiology	Lifesync—state-level CME on diet & exercise
	June	Ophthalmology	Kiranam 2024- CME on diabetic retinopathy
	July	Forensic Medicine	Negligentia 24-CME on unveiling medical negligence
	September	Microbiology	Emergente 2024—CME on Emerging & Re-emerging infections
2025	July	Forensic Medicine	Autopsia—an autopsy workshop

CHAPTER- 7

EDUCATION DEVELOPMENT PLANS

7.1 Introduction

Government Medical College Manjeri actively promotes educational development through continuous faculty training, curriculum enrichment, and student-centred learning initiatives. These activities aim to enhance teaching quality, foster academic excellence, and align medical education with evolving healthcare needs.

7.2 Undergraduate Education

The MBBS programme at Govt. Medical College (GMC) Manjeri is conducted in accordance with the competency-based undergraduate curriculum prescribed by the National Medical Commission (NMC). The programme aims to train Indian Medical Graduates who are clinically competent, ethically sound, and responsive to the health needs of the community. Teaching-learning methods emphasise integration across preclinical, paraclinical, and clinical disciplines, with early clinical exposure introduced from the first year itself. GMC Manjeri implements structured skill-based training through well-equipped skills laboratories, ensuring students acquire essential procedural and communication skills.

The curriculum incorporates Attitude, Ethics and Communication (AETCOM) modules to nurture professionalism, empathy, and patient-centred care. Self-directed learning, small group discussions, case-based learning, and problem-solving approaches are actively encouraged. Community-based learning is a key strength, with regular field visits, outreach programmes, and participation in national health initiatives, reflecting the institution's commitment to public health.

Formative assessments, logbooks, and continuous internal evaluation are integral to monitoring student progress, alongside summative university examinations. Electives and internship training further enhance clinical exposure and career orientation. Overall, the NMC MBBS programme at GMC Manjeri is implemented with a focus on academic rigour, ethical practice, and service to society, preparing graduates to meet both local and national healthcare challenges.

7.3 Postgraduate Education

Government Medical College (GMC) Manjeri is actively conducting postgraduate medical education in strict compliance with the curriculum and standards prescribed by the National Medical Commission (NMC). The institution offers NMC-devised postgraduate programmes in key clinical specialities, namely MS Ophthalmology, MS Otorhinolaryngology (ENT), and MD Dermatology, each with an approved intake of two seats. These programmes are duly recognised by both the Kerala University of Health Sciences (KUHS) and the NMC, reflecting adherence to national regulatory norms and academic quality benchmarks.

The postgraduate training at GMC Manjeri emphasises competency-based learning, structured clinical exposure, and hands-on skill development. Residents are trained in evidence-based patient care, diagnostic proficiency, procedural skills, and ethical medical practice under the guidance of experienced faculty. The curriculum integrates academics, clinical responsibilities, research methodology, and participation in seminars, journal clubs, and case discussions to promote critical thinking and lifelong learning.

Departments are supported by adequate infrastructure, modern diagnostic facilities, and sufficient patient load, ensuring comprehensive clinical exposure. Postgraduate students are also encouraged to engage in research activities and community-oriented services, aligning with national health priorities. Overall, GMC Manjeri provides a robust academic and clinical environment for NMC-recognised postgraduate training, contributing to the development of skilled specialists capable of delivering quality healthcare and meeting regional and national health needs.

CHAPTER- 8

HOSPITAL DEVELOPMENT COMMITTEE

8.1 Introduction to HDC

The Hospital Development Committee of GMC Manjeri plays a key role in planning and overseeing infrastructure improvement, resource utilisation, and patient care services in the institution. It supports quality enhancement by facilitating timely decision-making, stakeholder coordination, and sustainable hospital development.

Roles & Mandate

Table 8.1 Members of Hospital Development Society (HDS)

Sl no	Name	Post
1	Sri. Vinod V R, IAS	HDS Chairman
2	Sri. Vallanchira Mohammedali	Representative of MP, Malappuram Lok Sabha
3	Adv. U A Latheef	MLA Manjeri
4	Sri. V M Shoukath	Representative of the Health Minister
5	Dr K K Anilraj, Principal, GMC Manjeri	HDS Vice-chairman
6	Dr Prebhudas R, Superintendent, GMCH Manjeri	HDS Secretary
7	Sri. Mujeeb Rahman M P	Lay Secretary & Treasurer
8	Smt. Beegum Jasmine, Chief Nursing Officer	HDS Member
9	E. Ismail, Executive Engineer, PWD	HDS Member
10	Sri. Firoz V P	HDS Member
11	Sri. Vallanchira Abdul Majeed	HDS Member
12	Adv. I T Najeeb	HDS Member

13	Sri. P M Johny	HDS Member
14	Sri K P Ramanathan	HDS Member
15	Sri. P G Upendran	HDS Member
16	Adv. P M Safarulla	HDS Member
17	Sri. O J Biju	HDS Member
18	Sri K M Jose	HDS Member
19	Sri. Nasar Pulpatta	HDS Member
20	Sri. Sharafudeen	HDS Member
21	Sri. Mohammed Yasir	HDS Member
22	Sri. Subah Pulpatta	HDS Member
23	Sri. P H Faisal	HDS Member

HDS-sanctioned posts

Table 8.2 Sanctioned posts of HDS Committee

Sl. No.	Category	Sanctioned post of HDS
1	Staff Nurse	80
2	Radiographer	9
3	Lab Technician to Central Clinical Lab	10
4	ECG Technician	4
5	Dialysis Technician	7

6	Cardiovascular Technician	3
7	Anaesthesia Technician	4
8	Respiratory Technician	1
9	Neuro Technician	1
10	Senior Audiologist	1
11	Audiologist	1
12	Pharmacist	12
13	Clerk	2
14	Data Entry Operator	18
15	Electrician	4
16	Plumber	2
17	Accountant cum Clerk	1
18	Pump Operator/Plumber	4
19	Laundry Operator	1

20	Fitter	1
21	Registration Counter & RSBY Attenders	2
22	Security	37
23	Security (Ex)	10
24	Security Supervisor	4
25	Biomedical Technician	4
26	Nursing Assistant	19
27	Cleaning Staff	24
28	Operation Theatre Mechanic	2
29	CSSD Technician	2
30	Sr. Cath Lab Technician	1
31	Jr. Cath Lab Technician	1
32	Supervisor (store)	1
33	JLA	1

34	Technical Assistant (Electrical)	1
35	AC cum Refrigeration Technician	1
36	Hardware & Networking Technician	2
37	Phlebotomist	1
38	Fire & Safety Technician	1
TOTAL		280

8.2 Fund Utilisation

The Hospital Development Committee (HDC) funds were effectively utilised to strengthen infrastructure, procure essential medical equipment, and improve patient care services. Priority was given to addressing critical hospital needs, ensuring timely maintenance, and upgrading diagnostic and treatment facilities. The fund utilisation focused on enhancing service delivery, patient safety, and operational efficiency across departments. Overall, the judicious use of HDC funds contributed significantly to improving the quality of healthcare services and patient satisfaction

8.3 HDC supported infrastructure

1. Out Patient Care:

Table 8.3 Department-wise availability of outpatient services

Sl. No.	Department	No. of Units	Days of Service
1	General Medicine	4	All days except Sunday
2	General Surgery	4	All days except Sunday

3	Obstetrics & Gynaecology	4	All days except Sunday
4	Paediatrics	2	All days except Sunday
5	Orthopedics	3	All days except Sunday
6	ENT	2	All days except Sunday
7	Ophthalmology	2	All days except Sunday
8	Respiratory Medicine	2	All days except Sunday
9	Psychiatry	2	All days except Sunday
10	Oral & Maxillofacial Surgery (Dental)	2	All days except Sunday
11	Dermatology	2	All days except Sunday
12	Physical Medicine & Rehabilitation	1	All days except Sunday
13	Oncology	1	Monday, Thursday, Friday
14	Cardiology	1	Monday & Thursday
15	Local OP	1	All days
16	Preventive Clinic	1	All days except Sunday
17	Neurology	1	Tuesday
18	Nephrology	1	Wednesday

2. Inpatient Facilities: (Round the clock service)

A. Wards:

- General Medicine Ward
- General Surgery Ward
- Obstetrics & Gynaecology Ward
- Paediatrics Ward

- Orthopedics
- ENT Ward
- Ophthalmology Ward
- Respiratory Medicine
- Dermatology Ward
- Psychiatry Ward
- Physical Medicine
- Oncology
- Secondary Palliative Care
- Cardiology
- Oral & Maxillofacial Surgery
- Pay Ward (KHRWS)

B. Intensive Care Units:-

- Intensive Coronary Care Unit (ICCU)
- Medical Intensive Care Unit (MICU)
- Dialysis Unit
- Surgical Intensive Care Unit (SICU)
- Special Newborn Care Unit
- Paediatric Intensive Care Unit (PICU)
- Isolation ICU

C. Labour room:-

1st, 2nd, 3rd & 4th Stage

3. Casualty Services: (Round the clock)

- 24 beds with Central Oxygen & Ventilator facility

4. Operation Theatre:-

A. Major OT Complex: 7 Major theatres, 2 Minor theatres & Emergency Theatre.

B. Eye OT: 1 Major Theatre & 1 Minor Theatre

C. Emergency OT: 1 Major Theatre.

5. Pharmacy Service:- (Round the clock service)

6. Blood Bank:- (Round the clock service)

- With a component separation unit.

7. E C G: (Round the clock service)

8. Radiodiagnosis Service:

A. X-ray:- (Round the clock service – CR)

- 300 mA (2 units)
- 500 mA (1 unit)
- 800 mA (1 unit)
- Mobile X-ray unit (4 units)
- Dental X-ray (1 unit)
- C-Arm (2 units)

B. Ultrasound Scanning

- Routine USG
- Colour Doppler
- Fetal Screening

C. CT Scan:-

- 2-slice CT functional
- 16-slice CT under installation

D. Mammography:

9. Laboratory Services:-

A. Central Clinical Laboratory (Round-the-clock service)

- Biochemistry & Clinical Pathology Services
- NTEP Service
- Communicable Diseases – Card tests

B. Microbiology Speciality Lab:

- All Serology tests
- Solid Culture

C. Pathology Speciality Lab

- Fine needle aspiration cytology
- Biopsy
- Other special tests

D. Biochemistry Speciality Lab:

- Speciality Biochemistry tests.

10. Cardiac Labs:-

A. Non-Invasive Cardiac Lab

- Treadmill Test
- Echo Cardiography
- Holter Monitor

B. Invasive Cardiac Lab:-

- Cath lab

11. Bronchoscopy Services

12. Gastro Intestinal Endoscopy Services:-

- Upper & Lower GI Endoscopy

13. Spirometry Service (on all OP days)

14. Audiology & Speech Therapy Unit:-

- A. Pure tone audiometry
- B. Impedance Audiometry
- C. OAE

15. Newborn Screening Services:-

16. Ophthalmology Services:-

- A. YAG Laser
- B. Fundus Camera
- C. Anterior Segment Photography
- D. Retinal Green Laser
- E. A - Scan
- F. B - Scan
- G. Auto Refractometer
- H. Non-contact tonometry
- I. Phaco machine

17. Dermatology Services:-

- A. Electrocautery
- B. Chemical Cautery
- C. Cryo Therapy
- D. PUVA Therapy
- E. Iontophoresis
- F. Laser hair removal, etc.

18. Laparoscopy Procedures: -

- Diagnostic Laparoscopy
- Laparoscopic Surgeries

19. E C T: -

20. Physiotherapy & Occupational Therapy Unit:- (On all days except Sundays)

21. Clinical Psychology:- (On all days except Sunday)

22. Kerala State Aids Control Society Services:-

- A. Integrated Counselling & Testing Centre (ICTC)
- B. S T I Clinic
- C. Link ART Centre
- D. Opioid Substitution Therapy Centre (OST)
- E. De addiction Services

23. Mortuary (with freezers)

- Post-mortem facilities with a forensic surgeon

24. Medical Record Library

25. Medical Board

26. Telemedicine

27. Palliative Care

- A. Primary Palliative Care – OP & Home visit
- B. Secondary Palliative Care – OP, Home visit & Inpatients

28. Post Partum Unit

- A. Immunisation Services
- B. Antinatal Services
- C. Family Planning Services
 - IUD, PPS, NSV, Laparoscopic sterilisation

29. Health Insurance Services (KASP)

30. Janani Suraksha Yojana (JSY)

31. Janani Shisu Suraksha Karyakram (JSSK)

32. Rashtriya Bal Suraksha Karyakram (RBSK)

33. Arogyakiranam (AK)

34. RNTCP Services

- A. Designated Microscopy Centre
- B. DOTs facilities – for drug-sensitive and drug-resistant TB

35. Autism Clinic

36. Ambulance Service

37. HDS Janatha Pharmacy

38. Karunya Pharmacy

39. Canteen

40. E-health - Online OP ticket facility

41. Others

- A. Feeding Room
- B. DOTS Corner
- C. Artificial Limb Centre
- D. Birth & Death Registration counter
- E. Hospital Infection Control Unit
- F. E Sanjeevani
- G. Biomedical Wing
- H. VBD Corner - Shalabham
- I. OST
- J. HDU
- K. Triage Area
- L. Police & Trauma care Aid post

CHAPTER- 9

INNOVATIVE PROGRAMMES

Government Medical College Manjeri has implemented several innovative programmes focused on enhancing medical education, patient care, and community engagement. These initiatives encourage creativity, interdisciplinary collaboration, and adoption of best practices to meet evolving healthcare challenges.

New departments started in PMR, Cardiology and Nephrology in this college during the year 2023-24. Fifteen posts were created in the PMR, Cardiology, CVTS, Nephrology, Neurology, and Urology departments.

Award

- Mother Baby Friendly Award(2023-24)
- MusQan National Award- 2025



Fig 9.1 GMC Manjeri Honoured with the MusQan National Award 2025

VRDL (Viral Research & Diagnostic Laboratory)

Approval for starting VRDL, Viral Research & Diagnostic Laboratory at Government Medical College, Manjeri, was received on 1st June 2023 by ICMR along with funding. A total of 7 staff are designated to VRDL. It is provided with all the required equipment and facilities. VRDL started in April 2024 with NIPAH RT PCR & NIPAH TRUENAT, which has been now extended to RT-PCR tests for Influenza, RSV, COVID-19, HSV, Adenovirus, Leptospira & hMPV. Other tests done here are Hepatitis B and C TRUENAT and ELISA for West Nile fever & Japanese encephalitis.

From January 2024 to August 2025, 1308 suspected Nipah samples were tested by RT-PCR in our VRDL. A total of 6 positives were reported from our lab. Collection, packing and transportation of monkeypox-suspected samples were done in September 2024. In April 2025, during the West Nile virus deaths, an outbreak investigation was conducted by VRDL staff. Various training programmes are conducted for infection prevention & control and specimen collection & transport for viral infections.

CHAPTER - 10

FUND UTILIZATION

10.1 Overview

The following fund utilisation tables present a comprehensive overview of year-wise financial allocations and expenditures at Government Medical College, Manjeri, under various plan schemes. These tables highlight the institution's systematic approach to financial management, reflecting prudent utilisation of government funds for infrastructure development, procurement of equipment, improvement of academic and hospital facilities, and implementation of public health initiatives. The details demonstrate alignment with approved budget provisions, transparency in expenditure, and adherence to prescribed financial norms. Overall, the tables underscore GMC Manjeri's commitment to optimal resource utilisation in strengthening healthcare delivery, medical education, and institutional development across successive financial years.

10.2 Year-wise Expenditure Summary

Table 10.1 Year-wise expenditure summary of GMC Manjeri (2020-21)

FINAL EXPENDITURE STATEMENT PLAN SCHEMES 2020-21FY						
Sl No	Plan Scheme	Head of Account	Budget Provision	Allocation in BIMS	Expenditure	Percentage of Expenditure (Allotment)
1	Standardisation of Facilities in Maternal & Child Health Unit	2210-01-110-36-00-34-00-PV	12000000	12000000	11656345	97.14
2	State PEID Cell	2210-05-105-12-00-00-00-PV	800000	400000	321029	80.26

3	Revamping of Existing Infrastructure and Maintenance of High end Equipments (Maintenance)	2210-05-105-30-00-18-00-PV	5000000	5000000	5000000	100.00
4	Revamping of Existing Infrastructure and Maintenance of High end Equipments (Other Charges)	2210-05-105-30-00-34-00-PV	5000000	5000000	2998812	59.98
5	Minor Works	2210-05-105-32-00-17-00-PV	9000000	9000000	9000000	100.00
6	Machinery & Equipments	2210-05-105-32-00-19-00-PV	40000000	40000000	39983025	99.96
7	Materials & Supplies	2210-05-105-32-00-24-00-PV	21000000	21000000	20998976	100.00
8	Other Items	2210-05-105-32-00-34-03-PV	30000000	30000000	29968370	99.89
9	Starting Biomedical Units	2210-05-105-56-00-34-00-PV	1000000	799800	734290	91.81
10	SBMR	2210-05-105-99-00-34-00-PV	1200000	1200000	1200000	100.00
11	Waste Treatment Facilities	2210-06-001-99-00-34-00-PV	4500000	4500000	4056791	90.15

12	Work	4210-03-105-63-01-00-00-PV	41187000	171344000	169393734	98.86
Total			170687000	300243800	295311372	98.36

Table 10.2 Year-wise expenditure summary of GMC Manjeri (2021-22)

FINAL EXPENDITURE STATEMENT PLAN SCHEMES 2021-22FY						
Sl No	Scheme	Head of Account	Budget Provision (Rs.)	Allotment	Total Expenditure	Percentage of Expenditure (Allotment)
1	Creation of Patient Friendly Hospital Environment	2210-01-110-10-00-00-00	3500000	3500000	3500000	100.00
2	Standardisation of facilities in Maternal & Child Health Unit	2210-01-110-36-00-34-00	6000000	6000000	5830904	97.18
3	State PEID Cell	2210-05-105-12-00-00-00	1000000	1000000	873482	87.35
4	Revamping of Existing Infrastructure (Maintenance)	2210-05-105-30-00-18-00	25000000	25000000	25000000	100.00

5	Revamping of Existing Infrastructure (OC)	2210-05-105-30-00-34-03	5000000	5000000	3216536	64.33
6	Minor Works	2210-05-105-32-00-17-00	3448000	3448000	3448000	100.00
7	Machinery & Equipment	2210-05-105-32-00-19-00	62069000	62069000	62069000	100.00
8	Materials & Supplies	2210-05-105-32-00-24-00	13793000	13793000	12527096	90.82
9	Other Charges-Other Items	2210-05-105-32-00-34-03	20690000	20690000	18596315	89.88
10	Starting Biomedical Wing	2210-05-105-56-00-19-00	1000000	1000000	583738	58.37
11	Faculty Improvement Programme	2210-05-105-64-00-34-00	1700000	1700000	1173682	69.04
12	SBMR	2210-05-105-99-00-34-00	600000	600000	301847	50.31

13	Hospital Waste Management	2210-06-001-99-00-34-00	2000000	2000000	1980189	99.01
14	Work	4210-03-105-63-01-00-00	61780000	76018688	61634744	81.08
Total			20758000	221818688	200735533	90.50

Table 10.3 Year-wise expenditure summary of GMC Manjeri (2022-23)

FINAL EXPENDITURE STATEMENT OF VARIOUS PLAN 2022-23FY						
Sl. No	Scheme	Head of Account	Budget Provision (Rs.)	Allotment Received (Rs.)	Total Expenditure (Rs.)	Percentage (with respect to allotment received)
1	Standardisation of facilities in Maternal & Child Health Unit	2210-01-110-36-00-34-00-P-V	6000000	5951900	5933974	99.70
2	PEID Cell	2210-05-105-12-00-00-00-P-V	1000000	1000000	1000000	100.00
3	Revamping Maintainance	2210-05-105-30-00-18-00-P-V	23000000	23000000	23000000	100.00
4	Revamping Other Charges	2210-05-105-30-00-34-03-P-V	10000000	8000000	7776335	97.20

5	Minor Works	2210-05-105-32-00-17-00-P-V	16631000	16631000	16489024	99.15
6	M&E	2210-05-105-32-00-19-00-P-V	27441000	27355932	25530410	93.33
7	M&S	2210-05-105-32-00-24-00-P-V	39408000	28767840	28765966	99.99
8	OC OI	2210-05-105-32-00-34-03-P-V	16520000	8920800	8919943	99.99
9	Faculty Improvement Program	2210-05-105-64-00-34-00-P-V	400000	400000	381815	95.45
10	Ensuring Blood Safety	2210-05-105-79-00-00-00-P-V	500000	480000	298516	62.19
11	SBMR	2210-05-105-99-00-34-00-P-V	380506	380506	332323	87.34
12	Strengthening Trauma Care Facilities(M&E)	2210-05-200-90-00-19-00-P-V	700000	700000	500500	71.50
13	Strengthening Trauma Care Facilities(OC)	2210-05-200-90-00-34-00-P-V	1300000	1092000	824168	75.47
14	Hospital Waste Management	2210-06-001-99-00-34-00-P-V	7000000	6800000	6741843	99.14

15	Work	4210-03-105-63-01-00-00-P-V	203107000	203107000	198818839	97.89
Total			353387506	332586978	325313656	
OVERALL EXPENDITURE (%)						97.81

Table 10.4 Year-wise expenditure summary of GMC Manjeri (2023-24)

FINAL EXPENDITURE STATEMENT OF VARIOUS PLAN 2023-24FY						
Sl No	Scheme	Head of Account	Budget Provision (Rs.)	Allotment Received (Rs.)	Total Expenditure (Rs.)	Percentage (with respect to allotment received)
1	Creation of Patient Friendly Hospital Environment	2210-01-110-10-00-00-00-P-V	2000000	2000000	2000000	100.00
2	Standardisation of facilities in Maternal & Child Health Unit	2210-01-110-36-00-34-00-P-V	10000000	6419783	6406739	99.80
3	PEID Cell	2210-05-105-12-00-00-00-P-V	1200000	1083000	1032689	95.35

4	Revamping Other Charges	2210-05-105-30-00-34-03-P-V	13000000	11961171	8612773	72.01
5	Minor Works	2210-05-105-32-00-17-00-P-V	10500000	10500000	10500000	100.00
6	M&E	2210-05-105-32-00-19-00-P-V	31800000	21754380	21753106	99.99
7	M&S	2210-05-105-32-00-24-00-P-V	40900000	32180120	32178711	100.00
8	OC OI	2210-05-105-32-00-34-03-P-V	16800000	12334480	12334423	100.00
9	Faculty Improvement Program	2210-05-105-64-00-34-00-P-V	800000	700000	576307	82.33
10	Setting up Smart Classrooms	2210-05-105-70-00-34-00-P-V	2000000	1128000	1128000	100.00
11	Ensuring Blood Safety	2210-05-105-79-00-00-00-P-V	400000	381089	163826	42.99

12	SBMR	2210-05-105-99-00-34-00-P-V	611850	263895	263895	100.00
13	Strengthening Trauma Care Facilities(M&E)	2210-05-200-90-00-19-00-P-V	500000	99200	0	-
14	Strengthening Trauma Care Facilities(OC)	2210-05-200-90-00-34-00-P-V	500000	417000	417000	100.00
15	Hospital Waste Management	2210-06-001-99-00-34-00-P-V	7000000	6802329	5798107	85.24
16	Works	4210-03-105-63-01-00-00-P-V	10000000 0	99821695	81852314	82.00
Total			2380118 50	2078461 42	185017890	
OVERALL EXPENDITURE (%)						89.02

Table 10.5 Year-wise expenditure summary of GMC Manjeri (2024-25)

FINAL EXPENDITURE STATEMENT OF VARIOUS PLAN SCHEMES FOR 2024-25FY						
Sl No	Scheme	Head of Account	Budget Provision (Rs.)	Allotment Received (Rs.)	Total Exp (Rs.)	Percentage of Expenditure
1	Standardisation of Facilities in Maternal and Child Health Units	2210-01-110-36-00-34-00-P-V	4500000	4129904	4129904	100.00
2	R PEID Cell	2210-05-105-12-00-00-00-P-V	1000000	826678	824866	99.78
3	Revamping of Existing Infrastructure and Maintenance of High End Equipments	2210-05-105-30-00-34-03-P-V	12500000	12500000	12494426	99.96
4	Minor Works	2210-05-105-32-00-17-00-P-V	18600000	18600000	18600000	100.00
5	Machinery & Equipment	2210-05-105-32-00-19-00-P-V	32600000	32600000	32600000	100.00
6	Materials & Supplies	2210-05-105-32-00-24-00-P-V	30200000	29276560	29257880	99.94

7	Other Charges-Other Items	2210-05-105-32-00-34-03-P-V	18600000	14148750	14121783	99.81
8	Starting the Bio-medical wing in all Medical Colleges	2210-05-105-56-00-34-00-P-V	1000000	501218	417225	83.24
9	Faculty Improvement Program	2210-05-105-64-00-34-00-P-V	89326	89326	89326	100.00
10	Setting up eSmart Classrooms	2210-05-105-70-00-00-00-P-V	2000000	1944178	1944178	100.00
11	Ensuring Blood Safety	2210-05-105-79-00-00-00-P-V	1000000	708928	708928	100.00
12	SBMR	2210-05-105-99-00-34-00-P-V	800000	320000	242407	75.75
13	Strengthening Trauma Care Facilities (M&E)	2210-05-200-90-00-19-00-P-V	500000	373603	373603	100.00
14	Strengthening Trauma Care Facilities (OC)	2210-05-200-90-00-34-00-P-V	500000	437400	336718	76.98

15	Hospital Waste Management	2210-06-001-99-00-34-00-P-V	8500000	5912739	5912484	100.00
16	Comprehensive Tribal Health Care	2225-02-282-91-00-00-00-P-V	405000	405000	404432	99.86
17	Ensuring Fire & Safety Guidelines in all Medical Colleges	4210-03-105-21-00-00-00-P-V	5000000	5000000	5000000	100.00
18	Works	4210-03-105-63-01-00-00-P-V	50000000	121399000	24619831	20.28
19	Works	4210-03-105-63-02-00-00-P-V		15003000	0	-
20	Works	4210-03-105-63-03-00-00-P-V		1900000	0	-
Grand Total			187794326	266076284	152077991	
OVERALL EXPENDITURE (%)						57.16

CHAPTER- 11

RESEARCH INITIATIVE

Government Medical College Manjeri actively promotes a strong research culture through collaborative projects and studies funded by agencies such as ICMR and SBMR. These efforts have resulted in quality publications, contributing to evidence-based practice and academic advancement.

11.1 Research Collaborations

ICMR-funded Projects- 2024- 25

Table 11.1 Details of ICMR-funded projects (2024-25)

Title	Principal Investigator details	Completion status
Evaluation of District Mental Health Programme (DMHP) psychiatric services to the severely mentally ill in their old age'	Dr.Jayakrishnan Thavody, MBBS, MD, MIRB, Associate Professor, Department of Community Medicine, Government Medical College Manjeri, Kerala, India. Phone - +919447135293.	Completed
Setting up of a medical college-level viral diagnostic research laboratory under the scheme "Establishment of a network of laboratories for managing epidemics and natural calamities.	Dr Raji T. K, Professor & HOD of Microbiology Department GMC Manjeri Mobile Number- 9895260135, Email ID- rajianju101@gmail.com	Ongoing

Prevention & Control of Diseases –Development of Tools to prevent Outbreak of Epidemics to the Government Medical College, Manjeri, Malapuram, Kerala, for “To expand the Pan India respiratory virus surveillance (ARI-SARI) of DHR-ICMR VRDL’s to all the VRDL’s of West Bengal and Kerala”	Dr Raji T. K, Professor & HOD of Microbiology Department GMC Manjeri Mobile Number- 9895260135, Email ID- rajianju101@gmail.com	Ongoing
"CRITIC study-Comprehensive Invention strategy to improve retention in TB infection care of cascade in high-risk groups through a person-centred approach in SEAR countries”	Coordinating PI - Dr Dina Nair Scientist E, NIRT Chennai, Site PI- Dr. Sabitha Rose Jacob, Associate Professor (CAP), Community Medicine department, GMC Manjeri, Mob: - 9495969792, Email- sabitha1020@gmail.com	Ongoing- 2 nd annual meeting will be held on 4 th December 2025

11.2 Funded Studies

The government has provided financial assistance in every year for the conduct of ‘State Board of Medical Research (SBMR) programmes

Table 11.2 Year-wise financial assistance and expenditure under SBMR programmes

Year	Administrative Sanction (in Rs)	Expenditure (in Rs)
2021	6,00,000	3,01,847
2022	3,80,506	3,32,323
2023	6,11,850	2,63,895
2024	8,00,000	2,42,407

SBMR Sanctioned Studies

Table 11.3 List of SBMR-sanctioned research studies

Si. No	Name	Study Title
1	Dr. Jeeja M C	A study of prescription pattern of Non-Steroidal Anti Inflammatory Drugs(NSAIDS) in patients admitted with fever in medicine wards in a teaching hospital.
2	Dr. Pushpa Kizhakkekarammel	Diphtheria antibody levels in students of a medical college in an endemic area, North Kerala
3	Dr. P.S Sanjay	Pattern of injuries in vehicle occupants in road Traffic Accidents- an autopsy study
4	Dr. Sabitha Rose Jacob	Comorbidity profile and quality of life of chronic kidney disease patients registered in palliative care clinics of Malappuram
5	Dr. Jasmine K A	Seroprevalence of hepatitis A in Medical students of Govt. Medical College in north Kerala
6	Dr. Sujatha V S	Evaluation of the effectiveness of Hepatitis B Vaccination among the medical students of a government medical college in North Kerala.
		Estimation of antibody titre of hepatitis B surface antigen among the medical students of Govt Medical college Manjeri in North Kerala
7	Dr. Sujatha M B	A Retrospective Record based Study to Assess the Prescription pattern of Antibiotics in Inpatients of a Government Medical College in Kerala.
8	Dr. Sanjay P S Assistant Professor	Training in Fundamentals of Bioethics for Second Year Medical Students using ATCOM Module

9	Dr. Mridul Kumar K	A Multi Center Prospective Observational Study To Assess The Clinical Profile Of Dengue And Identify The Predictors Related To Mortality And Disease Severity
10	Dr. Suma R	Antibody responses to SARS COV2 in healthcare workers involved in Covid- 19 swab duties.
11	Dr. Anitha P.M	Immune response to hepatitis B vaccine among vaccinated health care workers in a tertiary care hospital in North Kerala
12	Dr. Anitha P.M	SARS COV2 antibody response among infected health care workers in a tertiary care hospital
13	Dr. Asuma A Rahim	Anti- SARS- COV2 virus antibody levels in convalescent plasma donors and assessment of outcomes of plasma recipients in a Covid 19 designated tertiary care centre in North Kerala
14	Dr. Seena Sukumaran	Assessment of Depression, Anxiety and Stress in Covid 19 patients with chronic illness
15	Dr. Seena Sukumaran	Effect of Covid 19 Pandemic on sleep quality of frontline Healthcare workers
16	Dr. Aswathy Raj S.V	Quarantine and covid 19 pandemic Multidimensional perception of people in Quarantine in North Kerala
17	Dr. Swapna Balakrishnan Asst. Professor Dept. of Pathology	An autopsy study of lung during COVID 19 pandemic period correlation of histopathologic findings with COVID-19 IHC marker.
18	Dr. Ardra. R. Menon Asst. Professor Dept. of Microbiology Dept. of Microbiology	COVID 19S -glycoprotein antibody response among health care workers vaccinated with recombinant adenovirus vector vaccine at a tertiary care centre in Kerala.

19	Dr. Anupama. A. Manjula Addl. Professor Dept. of Pathology	Lymphocytic myocarditis and its relation to Sars-Cov-2- an autopsy-based study during the pandemic using immune histochemical markers.
20	Dr. Shabeer C, Assistant Professor, Psychiatry	Prevalence of Psychiatric Disorders among the Cholanaikkan of South India –A Cross sectional study

CHAPTER - 12

SKILL DEVELOPMENT, SIMULATION LEARNING & CAPACITY BUILDING

Faculty Improvement Programmes (FIP) and Medical Education Unit (MEU)

MEU/FIP is regularly conducting training programmes for faculties, including teaching faculty, nursing faculty, pharmacists, residents, other health care workers and office staff. MEU conducts all the NMC mandated programmes including, the Basic course in Medical Education (BCME) and the Curriculum implementation support programme (CISP) and workshops for effective implementation of the NMC curriculum, including CBME updates. Following are the details of programmes conducted under FIP:

1. Revised basic course workshop (rBCW) – 2 programmes
2. Basic course in Medical Education (BCME) – 2 programmes
3. CISP - Curriculum implementation support programme – 1, 2 & 3 (3 workshops)
4. Research Methodology workshop & Biostatistics – 5 programmes
5. Infection control training programmes – are regularly conducted for faculty, residents, nursing staff and other health care workers. (50-60 sessions/ year).
6. Workshop on Rational Management of Animal bites
7. Basic Life Support skills workshop – for faculty, interns and other health care staff.
8. “Legal awareness” sessions, including anti-ragging policy and cyber security, are conducted for students and faculty.
9. Workshops on antibiotic stewardship and drug safety are conducted for faculty, interns, pharmacists and health professionals.
10. Advanced Trauma Life Support workshops are conducted for faculty, PGs and interns.
11. Sensitization programme –Curriculum 2019 - An overview
12. Hospital Acquired Infections (HAI) – Surveillance training for Medical and Nursing Faculty

13. NIPAH – Infection control Practices training
14. HAI (HEALTH CARE ASSOCIATED INFECTIONS) surveillance training for Faculty and Residents
15. COVID Training for faculty, nurses and other health care workers.
16. AETCOM workshops for faculty
17. Workshops on instructional aids – training on effective use of LED interactive panels in the classroom, effective use of PowerPoint in medical education, and implementation of CBME-logbook.

Almost all faculties included in the Medical education unit and Curriculum committee have undergone BCME and CISP from NMC Regional or Nodal centres. Faculties are regularly delegated for Advance Course in Medical Education (ACME) conducted at the NMC Nodal centre at the GMC, Kottayam; till now, 7 faculties from the GMC, Manjeri have completed ACME.

CHAPTER -13

PHOTO GALLERY



ICMR Team visited GMC Manjeri in relation to containment of Nipah infection July 2025

NSS unit GMC Manjeri Monetary support to palliative care charitable centre- IHSAN



Hospital Block, GMC Manjeri



List of Contributors

Sl. No	Name	Designation	Contact No	Email Id
1	Dr. Anilraj. K K	Principal	94470 71771	akshayanilraj@gmail.com
2	Dr. Prabhudas. R	Superintendent (Admin)-GMCH	94958 57322	dr.prabudas@gmail.com
3	Dr Seena N	Assistant Professor, Dept. of Anatomy	99471 59790	drseenasreesobh@gmail.com
4	Dr Chithira K G	Assistant Professor, Dept. of Microbiology	98958 91992	chith106@gmail.com
5	Dr Shebna Sithara Veeran	Assistant Professor, Dept. of Anatomy	98098 04836	drshebnaasithara@gmail.com
6	HODs of all Departments			
7	Smt. Mini C K	Accounts Officer	94956 95774	minipratap71@gmail.com
8	Sri. Faijas M T	Senior Superintendent	98463 02478	mtfbabu@gmail.com
9	Smt. Hema V A	Junior Superintendent	96450 28712	satheesh.hema3@gmail.com
10	Sri. Sarath Babu K	Senior Clerk, E1 section	96450 67763	sarathivb33@gmail.com
11	Sri. Sajan Kumar K S	Clerk, D1 section	94971 73503	sajanplmn@gmail.com
12	Sri. Gokulnath	Clerk, A1 section	94467 68368	g4gokulnath@gmail.com
13	Smt. Rajitha	Clerk, E3 section	99465 70689	subashtly@gmail.com

