SELF STUDY REPORT

FOR

1st CYCLE OF ACCREDITATION

VELAMMAL MEDICAL COLLEGE HOSPITAL AND RESEARCH INSTITUTE

VELAMMAL VILLAGE, TUTICORIN RING ROAD, ANUPPANADI, MADURAI-625009, TAMILNADU
625009
https://velammalmedicalcollege.edu.in/college/

Submitted To

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

BANGALORE

August 2023

1. EXECUTIVE SUMMARY

1.1 INTRODUCTION

Velammal Education Trust, Madurai is in the forefront of quality education. It had a vision to establish schools and colleges in rural as well as urban areas with Global standards so as to bring about positive impact on society. As of now, it has more than 65 schools, 3 Engineering Colleges, 1 Nursing College, 1 Allied Health Science College and a Medical College & Hospital.

How it started:

Colossal shortage of medical facilities in tier 2 cities prompted Velammal Education Trust, to establish a Medical College & Hospital at "Velammal Village" Madurai in 2012. It lays emphasis on enabling doctors with a comprehensive medical knowledge through rigorous academics and a balanced focus on extra-curricular activities. They get practical exposure in well-equipped OTs as well as in rural and urban field practice areas. VMCH&RI has emerged as an excellent center in Medical Education, Training and Research and Health Care Services under the able guidance of founder Shri. M.V. Muthuramlingam. It is well-equipped with technology-enabled classrooms, NABL accredited advanced laboratories, and lays emphasis on teaching, clinical practice, and research.

Educational Programmes:

VMCH&RI offers undergraduate course in Medicine (MBBS) with an intake of 150 and Postgraduate Courses in various Disciplines with intake of 49. It is affiliated to the Tamil Nadu Dr. MGR Medical University and recognized by the National Medical Commission (NMC).

The Medical complex is situated in a sprawling, beautiful area of "Velammal Village" Madurai. It's a General and Super specialty hospital with 2100 beds. It has extensive state of the art infrastructure, latest medical equipment's and clinical outcomes matching Global standards with over 35 Pre, Para, Medical and Surgical Super specialties**.** It has emerged as one of the most preferred healthcare providers in the state of Tamil Nadu. Our charges are 30% lower than other equivalent best hospitals and no unnecessary investigations are carried out. Our doctors are driven by compassion and excellence to duty, not for targets and our priority is always service towards our patients. Our motto – "Patient First". It caters to the medical needs of underprivileged section of society.

Vision

By continuously assessing and improving the quality of health care, the nature of service and total dedication of staff, let us ensure that all the patients easily receive the benefits of completely satisfying medical treatment and care.

Mission

Mission:

To build a healthy society with dedicated, well qualified and experienced Doctors and supporting staff by easily offering to people the world-class health care services at affordable cost.

Our Philosophy:

"Patient First"

The above components are focused on creating competent Medical professionals with interdisciplinary research capabilities, who will and provide health care to the rural masses in particular and general public at large. Research & Development center is established for ensuring research culture in staff and students. It's Collaboration with national and international organizations has positive impact on health care services. It has collaborated with Apollo Hospitals Chennai, Madurai Kamaraj university and igold testing Systems for research projects and provided scientific input to around sixty scientific projects.

Equipped with latest technology, it conducts various activities such as OPD clinic for general patients, Check-up for pregnant women and children, Health Awareness programs, Sanitation and Cleanliness drives with active community participation, Screening of Non-Communicable Diseases, & referrals etc.

VMCH&RI is tertiary health care center which offers super specialty health care services at reasonable cost. Collaboration with reputed organizations has positive impact on research and improvement in health care services.

1.2 Strength, Weakness, Opportunity and Challenges(SWOC)

Institutional Strength

Institutional Strength

·**Green and clean Medical College and hospital campus with assured safety and security coupled with high level social recognition in the region for providing quality medical education and health services.Water self-reliance, waste management and other green practices are in place.**

·**College provides impeccable support to Community services, Research innovations, and FDPs. Collaborations and MOU's, are in place which are mutually beneficial.**

·**Well qualified, competent and dedicated faculties train students across all Programmes. Facilitative administrative support provided by staff. It enables students to develop the right skillsets and attitudes towardspatient care.**

·**NABL and other ranking Quality initiatives. Enthusiastic and proactive Medical education unit helps in holistic development of students.**

·**VMCH&RI is adorned with various awards:**

"Best Hospital (Private) award" for our organ transplantation programme for 4 consecutive years by Government of Tamil Nadu owing to international standards of quality and outcomes.

Best Service Award by Govt. of Tamil Nadu during COVID-19 Pandemic.

- High rate of retention of faculty speaks volumes about excellent human resource management practices and institutional policies.
- Adequate infrastructure and latest technological facilities for Medical and Surgical super-specialty for providing all types of medical services to patients**.** Well-equipped Skill Laboratory to hone skills of students so as to make them aware of all the important aspects in skill development.
- VMCH&RI provides fantastic facilities for indoor and outdoor games.Healthy competitive spirit help students achieve newer horizons.
- Strong extension and outreach activities are held.
- Campus amenities/facilities required for staff are available.
- College is well connected by rail, road and air.

Institutional Weakness

Institutional Weakness

- Smaller revenue generation by hospital apropos to corporate hospitals. Inherent limitations of being an affiliated college. Marginal flexibility in Curriculum thereby limited scope for curriculum enrichment and enlargement.
- Inadequate protected time for research for Faculty coupled with lack of Research collaborations with renowned centers in the country and abroad. Very few faculties with PhD and Post-doctoral Research. Paucity of funds for Research projects, limited scholarships for meritorious students and meager Trans-disciplinary and inter-disciplinary projects.
- Institution faces difficulty in starting new courses or increase the existing number of seats for different courses due to various administrative factors.
- Attracting and retaining quality human resources.

Institutional Opportunity

Institutional Opportunity

·   **Requisite manpower, infra structural facilities and patient load to start PhD Courses in Clinical and Para-Clinical Departments, certificate /diploma programs in Health care and super-specialty courses. Soliciting increased Alumni participation in the institutional development activities.**

·   **Recognition by governmental and non-governmental agencies as a pioneer in community-based innovations in medical education and to give qualitative health care to the rural population**

·   **Awareness of health insurance policies and government health schemes.**

·   Implementation of innovative interdisciplinary programs in collaboration with institutional/inter-institutional/international organizations for enhanced extramural research funding as well as funded and thrust research activities.

·   Networking with governmental and non-governmental organizations for health programmes to the community.

·   In view of location of holy Meenakshi temple in the vicinity, medical tourism prospects can be explored in the near future.

·   VMCH&RI Management provides ample opportunities to students & faculty for community centric innovation in healthcare, teaching and research.

Institutional Challenge

Institutional Challenge

·   To transform in to a globally ranked Institution with multi-disciplinary and innovative academic programs

·   Impressing upon Regulatory bodies for permitting Choice-based Credit System, Credit transfer facility between Faculties, which can be harbinger of growth of higher education in India.

·   Get funds for research from many governmental and non-government organizations who are in medical and social field by establishing academia collaboration.

·   As patients hail from different places, follow-up of patients with chronic diseases is a challenge, resulting in incomplete epidemiological data.

·   Getting Superspeciality consultant from metropolitan city and ensuring proper follow up of all the patients. Imparting quality medical education at an affordable cost.

·   In view of Rising cost of health services, it has become very difficult to provide such services free of cost to the needy patients.

·   Coordinating for national and international higher education and job opportunities.

1.3 CRITERIA WISE SUMMARY

Medical Part

VMCH&RI provides comprehensive health care facilities to the general public in and

around Madurai. Students of VMCH&RI acquire knowledge and skills in a massive and superior campus. Learning the art of medical science happens in the serenity of a widely spread 140-acre self-sustained township. With impeccable infrastructure.

VMCH&RI is affiliated to Dr. M.G.R. Medical University and delivers best curriculum. Students are trained in quality of care and patient safety procedures along with infection prevention and control practices during their clinical postings.

The Medical Education Unit is active through the year. It conducts **30**faculty development programmes in new trends in Medical Education Technology. The laboratory is accredited by NABL and ISO certified.

The Medical Education Unit of the Institution conducts a range of faculty development programmes in emerging trends in Medical Education Technology.

Students, Faculty and - non teaching staff are given prophylactic immunization against Hepatitis-B, Injection Tetanus Toxoid & COVID-19.

Instruction sessions are conducted to provide medical, ethical and social issues involved in organ transplantation

Students are exposed to the operational features of the immunization clinic in functioning the hospital as per WHO guidelines

The college has adopted methods to define and implement medical graduate's attributes with system of evaluation of attainment of the same

Institution has provided indemnity insurance protection to faculties.

Curricular Aspects

The Institution is affiliated to Tamilnadu Dr. MGR Medical University and recognized by National Medical Commission (NMC). It is committed for the effective planning, implementation and delivery of the curriculum prescribed by the university and ensures transparent evaluation process. At the commencement of academic year, Curriculum plan and its delivery is discussed in Curriculum Committee meetings for taking note of, methods of teaching and learning, teaching hours and theory and practical sessions. Demonstrations, small group discussions and clinical session's helps in Problem based learning. Basic skills of clinical procedures are taught in simulation lab. Regular CME programs are held regularly.

College abides by academic calendar prescribed by the affiliating university. It also prepares calendar of events. Curriculum committee implement curriculum. It recommends Value adding courses, interdisciplinary courses. It undertakes review of time tables and identifies curricular gaps for necessary rectification.

Faculty are on Board of Studies and Academic Council and give valuable suggestions for improving the curriculum. College has inter-disciplinary and inter-departmental training courses.

Inter-departmental seminars/symposium helps in improving communication skills and creativity. It conducts programs on cross-cutting issues such as gender sensitivity, demographic changes affecting health and illnesses, bioethics, etc.

It has a proper system of obtaining feedback from students and other stakeholders and taking appropriate action.

During last 5 years College offered inter- disciplinary/interdepartmental courses/training.

33 value added courses are offered. These courses are designed on par with medical requirements.

Students are undertaking field projects/internships every year. During the academic year 2021-22,**445** students undertook field projects, **37** research projects, **2** community postings and 290 Industrial visits.

Teaching-learning and Evaluation

College adheres to regulatory guidelines of education, research and services in teaching learning process. The admission committee follows a transparent admission process complying with all regulatory guidelines.

College has implemented student-centric learning methods in all departments. Faculty utilizes various teaching-learning methods to improve creativity, analytical skills and innovation in students. It uses interactive instructional techniques for effective delivery of curriculum. Special emphasis is made to evaluate learning levels of students and to facilitate in their special learning needs and bring up inherent capabilities of students. Clinical skills laboratory for simulation-based training, ICT-enabled tools along with online e-resources are deployed adequately.

Faculty is qualitative in terms of qualification, teaching experience, etc. Many faculties have acquired additional qualifications than the requirements

Outcome based education is evolved by proper implementation of PO, CO, PSO, PEOs and mapping with Vision & Mission components. College follows academic calendar for internal evaluation coupled with requisite midcourse improvement and foolproof mechanism to handle examination related grievances. It has clearly stated learning outcomes and graduate attributes as stipulated by University/NMC. The Assessment process is aligned with learning outcomes. Parent-teacher meetings conducted regularly. Suggestions emanated are implemented.

Mentorship committee implements mentorship duly maintaining list of mentors, Mentor mentee allotment list etc. Bench marked ratio is maintained for mentorship programme.

Course files are maintained. Out of total **842** seats sanctioned **825** students are admitted in the last five years duly following reservation of seats in all categories. In last five years **486**seats are filled against seats reserved for various categories. Presently the college caters to the **22** students from other states and countries.

Slow learners and Advanced learners are identified based on their performance and special programs are conducted. Student full time teacher ratio for the year is **1:3.**

100% faculties are working in the institution. **89.27%** of full-time teachers with Ph.D/PG degrees.

Average teaching experience of the faculty is **4.9** years for the academic year2021-22.

Average pass percentage of students during last 5 years is **98.82 %**

Research, Innovations and Extension

College proactively support and patronize research culture by encouraging faculty and postgraduates to take up basic &inter-disciplinary research and publish their work in national and international indexed journals. They are allowed to attend academic programs, conferences and meetings related to research programs duly reimbursing the necessary investment as per norms. Apart from this, college provides funding to organize National and International seminars / workshops, training programs etc.   Sessions and workshops are held on topics such as scientific paper writing, research project writing, and research methodology for faculty and postgraduate students. During last 5 years **41** seminars/workshops on IPR conducted.

6 Teachers are awarded national/international fellowships.

Number of papers published in journals notified on UGC-CARE list is **123,** other than notified **124.**

Central Research Laboratory is equipped with cutting-edge technologies and is an integral part of patient care. It operates round the clock with all possible services to support any emergency and also research.

VMCH&RI undertakes **84** extension and outreach activities in collaboration with industry, community, government and non-government organizations. The thrust areas are health education, promotion of preventive health and treatment for needy population, environmental issues like Swachh Bharat, health and hygiene awareness and socio-economic development etc. College has received **45** awards and certificate of appreciation for providing yeomen services to the community.

56 collaborative activities conducted for research/faculty exchange/students exchange during last 5 years.

It has entered into many **31** MoUs with industries and various institutions for academic, clinical training, project work and collaborative research programme.

Infrastructure and Learning Resources

VMCH&RI has 2100 bedded general and super specialty hospital with requisite facilities for quality teaching-learning. It has ultra-modern infrastructure coupled with advanced medical equipment's. It has air-conditioned ICT enabled lecture halls, state of the art practical laboratories, demonstration rooms, museums, skill lab with mannequins & simulation instruments.

It has very large ground enabling various outdoor sports activities and dedicated courts for different games. Some of the courts are equipped with floodlit facility. Facilities for indoor games are also adequate. It has provided facilities to students and faculty for conducting various sports & cultural activities. Other general campus facilities are at par with the best ones. It has separate hostels for boys and girls, canteen, gymnasium, Bank, continuous water and electricity supply and round the clock security system.

Central Library is fully automated. It's having innumerable print and electronic resources with curated

collection of sources of information. it consists of adequate number of textbooks, journals and membership for various e-library resources. The newly joined teachers and students are acclimatized for in person and remote access usage. The dedicated room has adequate number of computers and seating capacity. Personal textbooks and notebooks are permitted to be taken in this room for effective study. They can use various e-learning resources such as NPTEL, SWAYAM, etc.

VMCH&RI updates IT facilities and provides adequate number of computers, printers, projectors with internet facility for teaching-learning. Wi-Fi / internet connection available.

It's empanelled for sponsored patient welfare schemes to downtrodden by government of Tamilnadu, which in turn enable greater exposure to students.

College allocates necessary funds for upkeep of Physical, academic facilities and infrastructure development. These are maintained by qualified professionals with proper SOPs in place.

During last 5 years Rs. **332.56** lakhs on purchase of books/journals/e journals purchased.

43.22 %percentage of expenditure incurred excluding salary for infrastructure development and augmentation during the last five years.

Student Support and Progression

College has a robust student support system to enhance academic as well as professional performance of students. VMCH&RI helps students with financial constraints with concession in the tuition fees/ fee waiver / Scholarship from government and non-government agencies.

It conducts capability development Programmes to up skill students. It arranges training for various competitive examinations. Many students qualify in various entrance examinations. It organizes community-oriented teaching in field programs wherein UG /PG students are trained.

Institutional support for various issues is provided through committee approach like the Students' Welfare Association, Gender, Grievance redressal committee, Hostel committee and Anti-ragging committee etc.

VMCH&RI has an established student council. It arranges social, cultural, and academic activities. Students are on board in various administrative and academic committees. Gender equity is adhered by adequate representation of both sexes. Students take part in various sports and cultural activities at state and national level. College also conducts sports and cultural competitions annually wherein students and faculty actively participate. They are suitably rewarded with medals and certificates of appreciation.

Students are involved in NSS, Swachhata Abhiyan, Tree Plantation, Blood Donation, Street plays, and awareness rallies to make them internalise humanitarian values.

VMCH&RI has established various clubs with varied interests. They conduct an array of activities which empowers holistic learning.

Alumni Association has been registered and plays an important role in institutional growth. It conducts career guidance, training and placement programs for students, contributed financially and also donated books to

library.

VMCH&RI provides great learning experience to students. It enables them with a strong foundation for enriching professional career.

Governance, Leadership and Management

VMCH&RI has declared its vision of continuous improvement in quality of health care with total dedication and with a motto of "Patient First". These averments are embodied in its academic culture**.** It has a proper hierarchical governance structure as per regulatory bodies' extant guidelines for effective decision-making process. Decentralization and participative management approach are followed in all areas of governance for streamlining the activities.

It has accorded all administrative and academic powers to Dean. He will administer all major activities through committee based participative approach. Dean ably assisted by Vice principal guides Heads of departments to take all important academic decisions. He collects, evaluates and forwards all departmental requirements to governing body for approval.

VMCH&RI has implemented e-governance in all major activities such as finance and accounts, student admission and support, examination, academic planning &development and administration.

It has implemented slew of welfare measures for teaching and non-teaching staff. Faculties are given financial aid to attend conferences and workshops. During last 5 years **183** teachers were provided financial assistance. It also conducted**50**orientation, induction Programmes, professional development and administrative training Programmes. Structured Performance appraisal for Teaching and Non-teaching staff is in place.

Apart from Various statutory bodies, various committees are in place for proper administration. They have well-defined policies, rules and regulations. Periodic evaluation is done to ensure regular improvement. The governing body is sanguine to the issues heightened. Timely resolution is ensured.

Velammal Medical Education unit is established in 2014. Various activities are carried out for empowering students and faculty.

Institution has an effective financial management system. Financial resources accrued are judiciously utilized. s Internal and external financial audits are carried out at the required intervals.

IQAC is formed under chairmanship of the Dean. It has contributed immensely in improving quality of teaching-learning.

Institutional Values and Best Practices

VMCH&RI is committed to gender equity and incorporated the same in curricular and co-curricular activities. It conducts several Programmes to sensitize students and faculty about gender related issues at work place.

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It has an internal complaints committee headed by a female faculty to handle issues like sexual harassment at workplace or any other gender related issues.

VMCH&RI has implemented environmentally friendly initiatives such as planting of trees, banning of plastic usage and ban on tobacco products, etc in campus. Various measures are initiated like Energy Conservation, use of Renewable energy; Rain Water-Harvesting etc. Conservation of water is given the necessary impetus. Water is recycled and used for gardening purposes. Preventive measures are implemented to make the campus eco-friendly. It is having abundant landscaping of trees and plants.

It has impregnable waste management system for all types of degradable, non-degradable and biohazard waste. Different types of wastes are collected as per defined policy, segregated and disposed as per Tamilnadu Pollution Control Board norms.

VMCH&RI has students and faculty with multicultural and multilingual backgrounds hailing from different parts of country. It makes efforts in creating inclusive environment and inculcate secular values in them by organizing events such as Annual Gatherings, national and international commemorative days, Induction Programs, Cultural and Religious Festivals, NSS Activities throughout the year. National and International commemorative days like World Health Day, AIDS day, Blood donation day, World diabetes day etc are held.

It has defined code of conduct for students, teachers and administrative staff.

"**Velammal community service & Quality care at affordable cost**"

and "**Clinical Audit for Continuous Improvement of Service Beyond Professional Responsibilities**" are the two best practices among many best practices implemented in college by the during the last five years.

College is distinct in providing Multiple Super Speciality Services to needy patients across the state, beyond the needs of the regulatory requirement.

The institution is unique & expresses concern for specially abled by appointing good number (around 20) non teaching staff

2. PROFILE

2.1 BASIC INFORMATION

Name and Address of the College	
Name	VELAMMAL MEDICAL COLLEGE HOSPITAL AND RESEARCH INSTITUTE
Address	Velammal Village, Tuticorin Ring Road, Anuppanadi, Madurai- 625009, Tamilnadu
City	Madurai
State	Tamil Nadu
Pin	625009
Website	https://velammalmedicalcollege.edu.in/college/

Contacts for Communication					
Designation	Name	Telephone with STD Code	Mobile	Fax	Email
Principal	T Thirunavuk karasu	0452-7113355	8072356143	0452-7113355	info@velammalme dicalcollege.edu.in
IQAC / CIQA coordinator	Samir Bele	0452-7114119	9966843380	0452-7114119	drsamirbele@vela mmalmedicalcolleg e.edu.in

Status of the Institution	
Institution Status	Private and Self Financing
Institution Fund Source	No data available.

Type of Institution	
By Gender	Co-education
By Shift	Regular

Recognized Minority institution	
If it is a recognized minroity institution	No

Establishment Details

Date of establishment of the college	01-01-2013

University to which the college is affiliated/ or which governs the college (if it is a constituent college)

State	University name	Document
Tamil Nadu	Tamilnadu Dr. M.G.R. Medical University	[View Document](#)

Details of UGC recognition

Under Section	Date	View Document
2f of UGC		
12B of UGC		

Details of recognition / approval by statutory / regulatory bodies other than UGC (MCI, DCI, PCI, INC, RCI, AYUSH, AICTE etc.)

Statutory Regulatory Authority	Recognition/Approval details Institution/Department programme	Day,Month and year(dd-mm-yyyy)	Validity in months	Remarks
MCI	[View Document](#)	10-07-2013	60	

Recognitions

Is the College recognized by UGC as a College with Potential for Excellence(CPE)?	No
Is the college recognized for its outstanding performance by national or international agencies such as DSIR, DBT, ICMR, UGC-SAP, AYUSH, WHO, UNESCO etc.?	No

Location and Area of Campus				
Campus Type	**Address**	**Location***	**Campus Area in Acres**	**Built up Area in sq.mts.**
Main campus area	Velammal Village, Tuticorin Ring Road, Anuppanadi, Madurai- 625009, Tamilnadu	Urban	38.97	171465

2.2 ACADEMIC INFORMATION

Details of Programmes Offered by the College (Give Data for Current Academic year)						
Programme Level	Name of Programme/Course	Duration in Months	Entry Qualification	Medium of Instruction	Sanctioned Strength	No.of Students Admitted
UG	MBBS,Bachelor Of Medicine And Bachelor Of Surgery,Bachelor of Medicine and Bachelor of Surgery	66	PUC	English	150	150
PG	MD,Anatomy,Anatomy	36	MBBS	English	2	0
PG	MD,Anaesthesiology,Anaesthesiology	36	MBBS	English	4	4
PG	MD,Biochemistry,Biochemistry	36	MBBS	English	4	0
PG	MD,Dermatology Venerology And Leprosy, Dermatology Venerology and Leprosy	36	MBBS	English	2	2
PG	MD,General Medicine,General Medicine	36	MBBS	English	3	3
PG	MD,Microbiology,Microbiology	36	MBBS	English	4	4
PG	MD,Community Medicine,Community Medicine	36	MBBS	English	2	2
PG	MD,Pharmac	36	MBBS	English	2	1

	ology,Pharmacology					
PG	MD,Pathology,Pathology	36	MBBS	English	4	4
PG	MD,Paediatrics,Paediatrics	36	MBBS	English	2	2
PG	MD,Physiology,Physiology	36	MBBS	English	2	0
PG	MD,Psychiatry Medicine, Psychiatry Medicine	36	MBBS	English	2	2
PG	MD,Radio Diagnosis,Radio Diagnosis	36	MBBS	English	3	3
PG	MS,Oto Rhino Laryngology,Oto Rhino Laryngology	36	MBBS	English	2	2
PG	MS,General Surgery,General Surgery	36	MBBS	English	4	4
PG	MS,Obstetrics And Gynaecology,Obstetrics and Gynaecology	36	MBBS	English	2	2
PG	MS,Ophthalmology,Opthalmology	36	MBBS	English	2	2
PG	MS,Orthopaedics,Orthopaedics	36	MBBS	English	3	3

Position Details of Faculty & Staff in the College

Teaching Faculty											
Professor				**Associate Professor**				**Assistant Professor**			
Male	Female	Others	Total	Male	Female	Others	Total	Male	Female	Others	Total
Sanctioned by the UGC /University State Government 0				0				0			
Recruited 0	0	0	0	0	0	0	0	0	0	0	0
Yet to Recruit 0				0				0			
Sanctioned by the Management/Society or Other Authorized Bodies 44				24				55			
Recruited 30	14	0	44	15	9	0	24	32	23	0	55
Yet to Recruit 0				0				0			
Lecturer				**Tutor / Clinical Instructor**				**Senior Resident**			
Male	Female	Others	Total	Male	Female	Others	Total	Male	Female	Others	Total
Sanctioned by the UGC /University State Government 0				0				0			
Recruited 0	0	0	0	0	0	0	0	0	0	0	0
Yet to Recruit 0				0				0			
Sanctioned by the Management/Society or Other Authorized Bodies 0				37				45			
Recruited 0	0	0	0	16	21	0	37	21	24	0	45
Yet to Recruit 0				0				0			

Non-Teaching Staff				
	Male	**Female**	**Others**	**Total**
Sanctioned by the UGC /University State Government				0
Recruited	0	0	0	0
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				953
Recruited	502	451	0	953
Yet to Recruit				0

Technical Staff				
	Male	**Female**	**Others**	**Total**
Sanctioned by the UGC /University State Government				0
Recruited	0	0	0	0
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				0
Recruited	170	921	0	1091
Yet to Recruit				0

Qualification Details of the Teaching Staff

Permanent Teachers									
Highest Qualification	**Professor**			**Associate Professor**			**Assistant Professor**		
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt/ LLD/DM/M CH	0	0	0	0	0	0	0	0	0	0
Ph.D.	1	0	0	0	0	0	1	0	0	2
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	29	14	0	15	9	0	31	23	0	121
UG	0	0	0	0	0	0	0	0	0	0

Highest Qualification	**Lecturer**			**Tutor / Clinical Instructor**			**Senior Resident**		
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt/ LLD/DM/M CH	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	1	0	0	20	23	0	44
UG	0	0	0	15	21	0	1	1	0	38

Temporary Teachers									
Highest Qualification	**Professor**			**Associate Professor**			**Assistant Professor**		
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt/ LLD/DM/M CH	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0
UG	0	0	0	0	0	0	0	0	0	0

Highest Qualification	**Lecturer**			**Tutor / Clinical Instructor**			**Senior Resident**		
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt/ LLD/DM/M CH	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0
UG	0	0	0	0	0	0	0	0	0	0

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Part Time Teachers									
Highest Qualification	**Professor**			**Associate Professor**			**Assistant Professor**		
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt/ LLD/DM/M CH	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0
UG	0	0	0	0	0	0	0	0	0	0

Highest Qualification	**Lecturer**			**Tutor / Clinical Instructor**			**Senior Resident**		
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt/ LLD/DM/M CH	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0
UG	0	0	0	0	0	0	0	0	0	0

Details of Visting/Guest Faculties				
Number of Visiting/Guest Faculty engaged with the college?	**Male**	**Female**	**Others**	**Total**
	0	0	0	0
Number of Emeritus Professor engaged with the college?	**Male**	**Female**	**Others**	**Total**
	0	0	0	0
Number of Adjunct Professor engaged with the college?	**Male**	**Female**	**Others**	**Total**
	0	0	0	0

Provide the Following Details of Students Enrolled in the College During the Current Academic Year

Programme		From the State Where College is Located	From Other States of India	NRI Students	Foreign Students	Total
UG	Male	58	2	4	0	64
	Female	85	0	1	0	86
	Others	0	0	0	0	0
PG	Male	9	0	3	0	12
	Female	24	1	2	1	28
	Others	0	0	0	0	0

Provide the Following Details of Students admitted to the College During the last four Academic Years

Category		Year 1	Year 2	Year 3	Year 4
SC	Male	4	6	15	8
	Female	16	14	4	10
	Others	0	0	0	0
ST	Male	0	1	0	1
	Female	1	0	1	0
	Others	0	0	0	0
OBC	Male	76	67	45	37
	Female	82	85	65	60
	Others	0	0	0	0
General	Male	5	7	6	13
	Female	6	5	14	21
	Others	0	0	0	0
Others	Male	0	0	0	0
	Female	0	0	0	0
	Others	0	0	0	0
Total		190	185	150	150

General Facilities	
Campus Type: Velammal Village, Tuticorin Ring Road, Anuppanadi, Madurai- 625009, Tamilnadu	
Facility	**Status**
• Auditorium/seminar complex with infrastructural facilities	**Yes**
• **Sports facilities**	
* Outdoor	**Yes**
* Indoor	**Yes**
• Residential facilities for faculty and non-teaching staff	**Yes**
• Cafeteria	**Yes**
• **Health Centre**	
* First aid facility	**Yes**
* Outpatient facility	**Yes**
* Inpatient facility	**Yes**
* Ambulance facility	**Yes**
* Emergency care facility	**Yes**
• **Health centre staff**	
* Qualified Doctor (Full time)	**4**
* Qualified Doctor (Part time)	**0**
* Qualified Nurse (Full time)	**3**
* Qualified Nurse (Part time)	**0**
• Facilities like banking, post office, book shops, etc.	**Yes**
• Transport facilities to cater to the needs of the students and staff	**Yes**
• Facilities for persons with disabilities	**Yes**
• Animal house	**Yes**
• Power house	**Yes**
• Fire safety measures	**Yes**
• Waste management facility, particularly bio-hazardous waste	**Yes**
• Potable water and water treatment	**Yes**

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• Renewable / Alternative sources of energy	**Yes**
• Any other facility	**Grocery shop, Parlor, Bank, Bakery, Temple, Masjid, Chapel, Theatre, Guest house , STP**

Hostel Details
Hostel Type
* Boys' hostel
* Girls's hostel
* Overseas students hostel
* Hostel for interns
* PG Hostel

Institutional preparedness for NEP

1. Multidisciplinary/interdisciplinary:	Our College has taken earnest steps to implement National Education Policy's guidelines as envisioned in NEP 2020. It has incorporated competency-based medical education (CBME) as per NMC regulations duly incorporating horizontal and vertical integration into teaching process for broad based inter-disciplinary approach. The programs have courses of

	Multi / Interdisciplinary nature in consonance with the concepts of NEP, paving the way for easy adoption of policy. It encourages to explore different treatment approaches thereby improving comprehensive learning and early exposure to research and evidence based practices. We Provide high quality education and develop human resources in our nation and make them global citizens in real sense, as envisaged in NEP. Our endeavor is to equip students with the knowledge and skills necessary not only to serve as a community's primary care physicians but also to open floodgates for self-employment. Our proactive intent in implementation of NEP guidelines will lead to the holistic development of students. The College has plans to promote multidisciplinary research. Multidisciplinary approach is embedded in system which enable students to plunge into professional world with varied expertise.
2. Academic bank of credits (ABC):	College practices Competency based medical education and stresses much on educational outcomes which encourages student centric education duly Implementing inter-disciplinary approach. We have introduced varied Students centric education methods to realize NEP objectives such as: Group discussion, Seminars, conferences / Courses and Assignments It's mandatory for us to get approval from the regulatory / affiliating organizations before implementing an academic bank of credits. The institution's pedagogy is comprehensive in nature. The summative and formative exams and assignments helps in assessing learning outcomes of students ACADEMIC BANK OF CREDITS provide infallible mobility between various institute / universities to students. Curriculum focuses on developing innovative capabilities and problem solving approach. Faculty paramount focus is always on enhanced learning and increasing employability quotient of the students. The college has blended mode of teaching-learning pedagogy and provides required online and offline resources to students. Our faculty address learning gaps beyond classroom teaching by conducting special tutorial classes, student workshops and remedial sessions thereby promoting better learning.
3. Skill development:	College ensures that every UG / PG student garner additional skills by prescribing skill enhancement

	courses. Students are espoused to attend subject specific conferences and convention at state and national level. • Students are empowered go on Field visits to various facilities so as to get equipped with latest skill sets and knowledge. Day, World Cancer Day, Death and Birth Anniversary of our National leaders which helps in inculcating good / humane qualities. College has introduced an effective Mentoring system of students, which enable them to explore future employment opportunities or otherwise after graduation. College believes in holistic development and all-around growth of the students. It lays emphasis on value based education system and to inculcate values and ethics among students. Guest lectures, seminars, webinars, conferences, and workshops are held for interactive learning.
4. Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course):	College is supportive of the use of Indian languages in the classroom. Accordingly, it tries to integrate local, regional, national and international ethos of higher education. It's also committed to incorporate contextual content from the Indian Knowledge System. one of our prime interests is preservation and promotion of languages. We conduct Various Indian language promotion activities every year. They are well organized. Our College takes pride in promoting Indian Languages and protecting culture and ethos of Indian values. Its needless to say that this is the primary objectives of NEP. Yoga is an inseparable component of curriculum. Indian culture is accorded the high degree of importance.
5. Focus on Outcome based education (OBE):	OBE is a performance oriented system based on outcomes and student-centric. Our College has introduced a methodology for implementing Outcome Based Education (OBE) for all academic programmes. It includes teaching as well as evaluation. It concentrates on the Learning Outcome of program and not merely on the Teaching. It has evolved a structured process of making POs, PSOs and COs. Corrective measures are implemented. Needless to say the necessary preventive steps are taken resulting students intellectual transformation. The programmes attaches equal importance on clinical ability, research and leadership capabilities. Our college is having highest standards of excellence and professionalism in all aspects of patients care which is clearly emphasized in our philosophy of

	"patients first". Course files are properly maintained in all departments. The slow vs advanced learner's mechanism is in place with corrective measures. Our College endeavor is to produce an Indian Medical Graduates (IMG), effective Clinician, a Leader, proactive member of the healthcare team/system, and a Life-long learner.
6. Distance education/online education:	Online mode was extensively utilized to provide uninterrupted academic benefits to students, who would have otherwise missed due to various reasons predominantly continuous COVID-19 pandemic in the Academic years 2019-22. College had implemented various measures: Departments did organize domain specific webinars and expert talks in lieu of regular teaching-learning and evaluation. The faculty were trained within a very short time to work on various Online Tools like MS TEAM, Google MEET, ZOOM, etc. For online teaching, college has acquired licenses of Microsoft Team. On-line resources are now available to students, who can access online session along with offline. This helps students exponentially to revise concepts and learn as and when required. The faculty are extensively using technology to inculcate self-directed learning amongst students.

Institutional Initiatives for Electoral Literacy

1. Whether Electoral Literacy Club (ELC) has been set up in the College?	Yes, Electoral literacy club is set up in the college
2. Whether students' co-ordinator and co-ordinating faculty members are appointed by the College and whether the ELCs are functional? Whether the ELCs are representative in character?	Yes. students' coordinator and coordinating faculty members are appointed by the College. ELCs are functional.
3. What innovative programmes and initiatives undertaken by the ELCs? These may include voluntary contribution by the students in electoral processes-participation in voter registration of students and communities where they come from, assisting district election administration in conduct of poll, voter awareness campaigns, promotion of ethical voting, enhancing participation of the under privileged sections of society especially transgender,	Students voluntarily participate in creating awareness of the voting and its importance in the local community -voting registration , and also participate in district election administration for conduct of pole campaigns, promotion of ethical voting and participation of the under developed sections of the society-transgender, commercial sex, workers, disabled person, senior citizens are encouraged and oriented for election requirements

commercial sex workers, disabled persons, senior citizens, etc.	
4. Any socially relevant projects/initiatives taken by College in electoral related issues especially research projects, surveys, awareness drives, creating content, publications highlighting their contribution to advancing democratic values and participation in electoral processes, etc.	Social involvement , initiative taken by the college is - creating awareness drive, highlighting their contribution ,advanced in democratic values and participation in electoral processes.
5. Extent of students above 18 years who are yet to be enrolled as voters in the electoral roll and efforts by ELCs as well as efforts by the College to institutionalize mechanisms to register eligible students as voters.	The ELC has initiated a process of establishing voters ID registration for all students eligible in the college.

Extended Profile

1 Students

1.1

Number of students year-wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
675	646	612	610	596

File Description	Document
Institutional data in prescribed format(Data templ	[View Document](#)

1.2

Number of outgoing / final year students year-wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
152	157	141	147	143

File Description	Document
Institutional data in prescribed format(Data templ	[View Document](#)

1.3

Number of first year Students admitted year-wise in last five years.

2021-22	2020-21	2019-20	2018-19	2017-18
190	185	150	150	150

File Description	Document
Institutional data in prescribed format(Data templ	[View Document](#)

2 Teachers

2.1

Number of full time teachers year-wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
205	200	211	233	248

File Description	Document
Institutional data in prescribed format(Data templ	[View Document]

2.2

Number of sanctioned posts year-wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
207	204	215	233	253

File Description	Document
Institutional data in prescribed format(Data templ	[View Document]

3 Institution

3.1

Total Expenditure excluding salary year-wise during the last five years (INR in Lakhs)

2021-22	2020-21	2019-20	2018-19	2017-18
11247.5	9108.91	10777.30	9293.93	9081.20

File Description	Document
Institutional data in prescribed format(Data templ	[View Document]

4. Quality Indicator Framework(QIF)

Criterion 1 - Curricular Aspects

1.1 Curricular Planning and Implementation

1.1.1

The Institution ensures effective curriculum planning, delivery and evaluation through a well defined process as prescribed by the respective regulatory councils and the affiliating University.

Response:

Introduction:

Velammal Medical College is committed to providing quality medical education and training to aspiring healthcare professionals. To ensure excellence in education, the college follows a well-defined process for curriculum planning, delivery, and evaluation as per the guidelines set by the National Medical Council of India and The Tamil Nadu Dr. MGR Medical University.

Curriculum Planning and Delivery

Velammal Medical College emphasizes a student-centered approach to curriculum planning and is designed to integrate theoretical knowledge, practical skills, and clinical experience. Vice Principal interacts with all HODs along with Timetable-Committee at the beginning of academic year for proper planning and implementation of curriculum. Units of time is allocated for academic and co-curricular purposes such as Theory, Practical, Tutorial, Integrated Learning, Early Clinical Exposure, Self-Directed Learning, Sports, Electives and Special Add-On Classes. CBME curriculum is in place since 2019-20.

Departments prepare monthly schedules a week before the ensuing month. They use innovative methods such as Didactic lectures; Problem based learning, small group learning, role plays, feedback, written and oral examinations, case-based learning, practical demonstrations, and clinical rotations etc. The college also utilizes modern educational technologies and resources such as State-of-the-art audio-visual aids, simulation labs, and e-learning platforms .

Students are encouraged to participate in seminars, journal clubs, symposia etc held in Madurai and other places. Student participation is made mandatory in role plays, problem solving group discussions, quizzes and seminars. Faculties discuss doubts beyond classroom hours and conduct remedial classes for poor performers. Vice-Principal and Academic council monitors curriculum progress and all teaching programs based on university results.

Evaluation of Student Learning:

- During last five years (2017 to 2022) VMCH&RI has been inspected by the Board of Velammal Educational Trust which includes Chairman has reviewed all academic activities of college.
- NMC assessors and team of Inspectors from The Tamil Nadu Dr. M.G.R. Medical University visited the college for inspection of Infrastructure, equipment's, available faculty as per MCI/NMC and University guidelines.

Velammal Medical College places great importance on continuous assessment and evaluation of student learning outcomes. The assessment methods employed are comprehensive and include written examinations, practical assessments, clinical evaluations, and research projects. These evaluations are conducted at regular intervals to monitor the progress of students and identify areas where additional support may be required. Feedback will be collected from students, teachers and parents. College Curriculum Committee periodically evaluates these feedbacks and effectively makes changes accordingly.

The college also provides constructive feedback to students, highlighting their strengths and areas for improvement. This feedback helps students identify their learning gaps and take necessary steps to enhance their knowledge and skills. Additionally, the college organizes remedial classes and academic counseling sessions to support students who require additional assistance.

Conclusion:

Velammal Medical College upholds the guidelines prescribed by the National Medical Council of India and The Tamil Nadu Dr. MGR Medical University in its curriculum planning, delivery, and evaluation processes and ensures students have a pleasant learning environment and that learning occurs in an enjoyable way aligning with industry standards.

File Description	Document
Any additional information	[View Document](#)
Link for any other relevant information	[View Document](#)
Link for Minutes of the meeting of the college curriculum committee	[View Document](#)

1.1.2

Percentage of fulltime teachers participating in BoS /Academic Council of Universities during the last five years. (Restrict data to BoS /Academic Council only)

Response: 0.73

1.1.2.1 Number of teachers of the Institution participating in BoS/Academic Council of universities year-wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
1	2	1	2	2

File Description	Document
Provide scanned copy of nomination letter such BoS and Academic Council From University/ Autonomous college	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Any additional information	[View Document](#)
Link for details of participation of teachers in various bodies	[View Document](#)

1.2 Academic Flexibility

1.2.1

Percentage of inter-disciplinary / inter-departmental courses /training across all the Programmes offered by the College during the last five years

Response: 100

1.2.1.1 Number of inter-disciplinary /inter-departmental courses /training offered during the last five years

Response: 86

1.2.1.2 Number of courses offered by the institution across all programs during the last five years

Response: 86

File Description	Document
Minutes of relevant Academic Council/BoS meetings	[View Document](#)
List of Interdisciplinary /interdepartmental courses /training across all the the programmes offered by the University during the last 5 years	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Any additional information	[View Document](#)
Link for Additional Information	[View Document](#)

1.2.2

Average percentage of students enrolled in subject-related Certificate/ Diploma / Add-on courses

as against the total number of students during the last five years

Response: 100

1.2.2.1 Number of students enrolled in subject related Certificate or Diploma or Add-on programs year-wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
675	646	612	610	596

File Description	Document
Institutional data in prescribed format	[View Document](#)
Details of the students enrolled in subject-related Certificate/Diploma/Add-on courses	[View Document](#)
Any additional information	[View Document](#)
Link for additional information	[View Document](#)

1.3 Curriculum Enrichment

1.3.1

The Institution integrates cross-cutting issues relevant to gender, environment and sustainability, human values, health determinants, Right to Health and emerging demographic issues and Professional Ethics into the Curriculum as prescribed by the University / respective regulative councils

Response:

VMCH&RI serves as the Nodal centre for Bioethics for UNESCO- Haifa. True to its vision for excellence in medical education, College has envisioned that its graduates are well grounded in empathy, proactive in protection of human values and human rights. MCI has prescribed adequate time for teaching of bioethics across all years relevant to each subject. Accordingly, ethical medical values are inculcated in students as per CBME curriculum.

During the foundation course dedicated time is allocated for introduction to medical ethics and Bioethics. Bioethical dilemmas are reintroduced when students enter their internship reinforcing importance of ethical decisions and its legal bearing.

It is mandatory that students take part and contribute in the world bioethics day celebration. Students have done wonderfully in the topics they were allocated. Transgender trends in India among cultural diversity and National unity in natural calamity.

Students visit villages where alcoholism is rampant to deter public from of consumption of alcohol through their drama and role plays. They also espouse Government to adopt stringent policies with regard to alcohol consumption.

Patients in the OPD are educated by Ophthalmology department regarding diabetes and systemic hypertension and the preventable consequence hypertensive retinopathy. Using fundus photographs the importance of strict glycaemic control and the need for retinal LAZER is taught to the patients. Similarly, the importance of measuring intraocular pressure and the prevention of glaucoma is stressed. The need for regular follow-up and long-term topical medication for prevention of blindness is taught.

Awareness on Diabetes Day Parents Walkathon was organised by Department of pathology on 17.11.2018 a 3km awareness walk. Nearly 7000 parents/people participated in the event including medical students' staff and parents. Students distributed awareness pamphlets to the participants.

Students and Interns learn the importance of consistent patient education through these initiatives.

Department of anaesthesia mandates compulsory training for the house surgeon in basic/advanced life support programs. Hands on training with mannequins, discussions regarding equipment, drugs, algorithms help the Interns to manage efficiently during emergencies.

Special awareness days are organized by department of dermatology for students, faculty and patients such as Psoriasis Day, Vitiligo Day, Leprosy Day every year highlighting the disease, treatment and societal issues and associated social stigma and how to overcome them.

Students also learn the importance of hearing loss in people working in high-risk hazardous noisy areas, following dialysis, and various condition of the new born. The students and house surgeons are taught the importance of convincing the patients to go for hearing loss screening

International Yoga Day is celebrated is celebrated every year in June by Department of pharmacology. Leading yoga practitioners/students from our college demonstrate yogic postures and several eminent persons lecture on the importance of yoga and health. Several competitions are organized for the Medical, Nursing and allied health students. Winners receive awards and prizes.

These exercises accomplish the following in students

1. A sense of accomplishment in educating the public

2. First hand field experience on health issues pervading the society.

3. Reinforcing the need for community health education.

File Description	Document
Link for list of courses with their descriptions	[View Document](#)
Link for any other relevant information	[View Document](#)

1.3.2

Number of value-added courses offered during the last five years that impart transferable and life skills.

Response: 17

1.3.2.1 Number of value-added courses offered during the last five years that impart transferable and life skills.

Response: 17

File Description	Document
List of-value added courses	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Brochure or any other document related to value-added course/s	[View Document](#)
Any additional information	[View Document](#)

1.3.3

Average percentage of students enrolled in the value-added courses during the last five years

Response: 79.8

1.3.3.1 Number of students enrolled in value-added courses offered year-wise during the last five years that impart transferable and life skills

2021-22	2020-21	2019-20	2018-19	2017-18
675	633	612	610	596

File Description	Document
Institutional data in prescribed format	[View Document](#)
Attendance copy of the students enrolled for the course	[View Document](#)
Any additional information	[View Document](#)
Link for additional information	[View Document](#)

1.3.4

Percentage of students undertaking field visits/Clinical / industry internships/research projects/industry visits/community postings (data for the preceding academic year)

Response: 75.92

1.3.4.1 Number of students undertaking field visits, clinical, industry internships,research projects,industry visits,community postings

Response: 476

File Description	Document
Scanned copy of filed visit report with list of students duly attested by the Head of the institution to be provided	[View Document](#)
Institutional data in prescribed fomat	[View Document](#)
Community posting certificate should be duly certified by the Head of the institution	[View Document](#)
Any additional information	[View Document](#)
Links to scanned copy of completion certificate of field visits/Clinical / industry internships/research projects/industry visits/community postings from the organization where internship was completed	[View Document](#)
Link for additional information	[View Document](#)

1.4 Feedback System

1.4.1

Mechanism is in place to obtain structured feedback on curricula/syllabi from various stakeholders.Structured feedback received from:

1. **Students**
2. **Teachers**
3. **Employers**
4. **Alumni**
5. **Professionals**

Response: A. All of the above

File Description	Document
Stakeholder feedback reports as stated in the minutes of meetings of the College Council /IQAC/ Curriculum Committee	[View Document](#)
Sample filled in Structured Feedback to be provided by the institution for each category claimed in SSR	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Any additional information	[View Document](#)
Link for additional information	[View Document](#)

1.4.2

Feedback on curricula and syllabi obtained from stakeholders is processed in terms of:

Response: A. Feedback collected, analysed and action taken on feedback besides such documents made available on the institutional website

File Description	Document
Stakeholder feedback report	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Action taken report of the Institution on feedback report as minuted by the Governing Council, Syndicate, Board of Management	[View Document](#)
Link for additional information	[View Document](#)

Criterion 2 - Teaching-learning and Evaluation

2.1 Student Enrollment and Profile

2.1.1

Due consideration is given to equity and inclusiveness by providing reservation of seats to all categories during the admission process.

Average percentage of seats filled against seats reserved for various categories as per applicable reservation policy during the last five years

Response: 99.53

2.1.1.1 Number of students admitted from the reserved categories as per GOI or State Government norms year-wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
85	82	66	66	66

2.1.1.2 Number of seats earmarked for reserved categories as per GOI or State Govt. norms year-wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
86	83	66	66	66

File Description	Document
Institutional data in prescribed forma	[View Document](#)
Final admission list published by the HEI	[View Document](#)
Copy of letter issued by state govt. or and Central Government (which-ever applicable) Indicating the reserved categories to be considered as per the GO rule (translated in English)	[View Document](#)
Any additional information	[View Document](#)
Annual Report/ BOM report/ Admission report duly certified by the Head of the Institution.	[View Document](#)
Admission extract submitted to the state OBC, SC and ST cell every year.	[View Document](#)

2.1.2

Average percentage of seats filled in for the various programmes as against the approved intake

Response: 98.27

2.1.2.1 Number of seats filled-in for various programmes offered by the College as against the approved intake during the last five years:

2021-22	2020-21	2019-20	2018-19	2017-18
190	185	150	150	150

2.1.2.2 Number of approved seats for the same programme in that year

2021-22	2020-21	2019-20	2018-19	2017-18
199	193	150	150	150

File Description	Document
The details certified by the Head of the Institution clearly mentioning the programs that are not covered under CET and the number of applications received for the same	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Any other relevant information	[View Document](#)

2.1.3

Average percentage of Students admitted demonstrates a national spread and includes students from other states

Response: 2.93

2.1.3.1 Number of students admitted from other states year-wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
0	0	2	11	9

File Description	Document
List of students enrolled from other states year-wise during the last 5 years	[View Document](#)
Institutional data in prescribed format	[View Document](#)
E-copies of admission letters of the students enrolled from other states	[View Document](#)
Copy of the domicile certificate as part of the from other states and countries and/or Previous degree/Matriculation / HSC certificate from other state or country	[View Document](#)
Any other relevant information	[View Document](#)

2.2 Catering to Student Diversity

2.2.1

The Institution assesses the learning levels of the students, after admission and organises special Programmes for advanced learners and slow performers

The Institution:

1. **Follows measurable criteria to identify slow performers**
2. **Follows measurable criteria to identify advanced learners**
3. **Organizes special programmes for slow performers**
4. **Follows protocol to measure student achievement**

Response: B. Any three of the above

File Description	Document
Institutional data in prescribed format	[View Document](#)
Criteria to identify slow performers and advanced learners and assessment methodology	[View Document](#)
Consolidated report of special programs for advanced learners and slow learners duly attested by the Head of the Institution	[View Document](#)
Any other information	[View Document](#)
Link for any relevant information	[View Document](#)

2.2.2

Student - Full- time teacher ratio (data of preceding academic year)

Response: 3.29

File Description	Document
List of students enrolled in the preceding academic year	[View Document](#)
List of full time teachers in the preceding academic year in the University	[View Document](#)
Institutional data in prescribed format (data Templates)	[View Document](#)

2.2.3

Institution facilitates building and sustenance of innate talent /aptitude of individual students (extramural activities/beyond the classroom activities such as student clubs, cultural societies, etc)

Response:

VMCH&RIstrives for overall development of students by encouraging them to participate in various Cocurricular & Extracurricular activities undertaken independently by various departments and also under the aegis of international organisation.

Students play a significant role in various college community activities. Planning and execution of various events is done by students with able guidance of faculty. Student body is involved in various awareness activities organised by the departments of Community medicine, Dermatology, Ophthalmology, and Psychiatry etc. Various programmes for creating awareness about Addiction, Dengue, Diabetes, Cancer, Leprosy, Cataract, road traffic accidents etc have been organised by the institute over the past five years. These activities have taken the form of Street plays, door to door

campaign, rally, mini marathons etc and the students have played the most vital part in these programmes.

Students conduct campaign of "Breastfeeding Week" annually for the benefit of lactating mothers. Most teams involved in extension activities that provide medical services to communities in need, have a student component.

Students play a vital role in providing general health education and specific counselling to the people in the community in addition to their role in providing medical services. have also been involved in surveillance activities like post – Pulse polio campaign surveillance, leprosy survey etc that were conducted in collaboration with the public health departments.

Students take part in green campus campaigns. Cleanliness day is observed to reward active participants and to encourage clean environment. Swachh Bharat Abhiyan programmes held at regular intervals.

VMCH&RI facilitates Indoor/Outdoor sports. Students are encouraged to participate in any kind of sports that interests them. A strong sense of sportsmanship is fostered among students. Massive, well-maintained ground facilitates various outdoor sports activities. College hosts inter-college intra-college sports meet every year.

Facilities for indoor games are available in Department of Physical education and hostels. Qualified physical directors train students based on their needs. The college sports team is reputed for strong representation in all inter medical sports meets held at state and national level. College team has won trophies in football, basketball, lawn tennis and other games. Green Gym is available for students.

Annual social gathering, is held every year to showcase the innate talent of students. It consists of various activities like debates, personality contests, dance and music events.

VMCH&RI is Madurai Nodal centre for bioethics-Haifa, which provides opportunity to students to showcase talent at international level.

College has established student clubs with SOPs to encourage students in beyond the classroom activities such as:

- Sherlock Holmes.
- Pharma.
- Morgagni's.
- Physiology.
- BMBC.
- Newgen.
- John Snow.
- Koch's.

Students who are members of clubs meet regularly and conduct activities as per SOP.

National and International days are celebrated. Quiz, debate, essay competitions etc are held for the students. College encourages students with innate talent to participate in activities conducted by other institutions. The expenses are borne by the institution.

Faculty constantly motivate to bring out a positive attitude and the best out of each student.

File Description	Document
Link for Appropriate documentary evidence	[View Document](#)
Link for any other relevant information	[View Document](#)

2.3 Teaching- Learning Process

2.3.1

Student-centric methods are used for enhancing learning experiences by:

- **Experiential learning**
- **Integrated/interdisciplinary learning**
- **Participatory learning**
- **Problem solving methodologies**
- **Self-directed learning**
- **Patient-centric and Evidence-Based Learning**
- **Learning in the Humanities**
- **Project-based learning**
- **Role play**

Response:

As per MCI recommendations, institute promote and implement instructional methods that are learner centered, invoking critical thinking, self-directed learning to motivate students to become lifelong learners. Much focus is given in creating a supporting and collaborative learning environment to students. Few departments have successfully incorporated student-centric learning strategies like PBL, TBL, flipped classroom and e-learning to facilitate higher learning skills among students.

Experiential learning

Students engaged in experiential learning through various teaching learning strategies like practical/demonstration, clinical posting, field visits and community survey, student seminar, simulation, role play and involving students in hospital and community-based research.

Integrated/Interdisciplinary Learning

College implemented horizontal, vertical, transdisciplinary integration by involving various pre-& para clinical and clinical departments to teach a pertinent topic in effective manner. Departments prepare integrated teaching schedule by collaborating with each other in advance as per Statutory Guidelines and implemented effectively.

Participatory Learning

Departments use participatory learning strategies –cooperative, collaborative learning by dividing students in small groups in teaching activities. Community Medicine Dept. involves students in village health, family health survey and facilitate interaction with community. Faculty motivate them to reflect upon their own experience and skills in solving problems while presenting community diagnosis.

Problem Solving Methodologies

Some departments practice PBL to stimulate learning by confronting students with problems from practice. Students are given case scenario and advised to identify problem, necessary steps to diagnose and manage the case, encouraged to think out of box and give their approach to different case scenarios. Students are encouraged present analysis of problem, synthesize and test information.

Self-Directed Learning

Topics are identified and given to students at intervals as per university guidelines focusing on recent advances in specific subject. Reference material including books, articles and websitesprovided in advance to students duly clarifying their doubts. Students are encouraged to undertake research projects. Seminars are organised regularly by assigning topic to group of students which improves knowledge, presentation and communication skills.

Patient-Centric and Evidence-Based Learning

Students are provided with case studies. Faculty encourages to further identify and review Evidence Based Medicine strategies and resources to diagnosis and manage condition. Communication skills are taught during lectures, practical, clinical rotation. Patient-centric approach and communications skills evaluation is through OSPE.

Learning in Humanities

Issues beyond clinical illness which are crucial in providing comprehensive care such as Bio-Psychosocial aspects, communication, epidemiology, natural history of diseases, health systems and role of support mechanism are taught. Community Medicine Dept. imparts community-based education.

Project Based Learning

Topics for Charts, posters, flip charts and PPT are given to students, or groups of students to prepare and submit. Students are directed to take up scientific research either individually or in groups under guidance of faculty member. ICMR projects taken up by UG students.

Role Play:used to learn concepts practically by conducting role play on AETCOM, Communication skills, De-addiction, etc. Faculties help students to organise role play on topics for preclinical – Doctor-Patient relationship, for paraclinical – Diabetes, Lipid profile and for clinical level – Cancer, HIV, etc.

File Description	Document
Link for learning environment facilities with geotagging	[View Document](#)
Link for any other relevant information	[View Document](#)

2.3.2

Institution facilitates the use of Clinical Skills Laboratory / Simulation Based Learning

The Institution:

1. **Has Basic Clinical Skills / Simulation Training Models and Trainers for skills in the relevant disciplines.**
2. **Has advanced simulators for simulation-based training**
3. **Has structured programs for training and assessment of students in Clinical Skills Lab / Simulation based learning.**
4. **Conducts training programs for the faculty in the use of clinical skills lab and simulation methods of teaching-learning**

Response: A. All of the above

File Description	Document
Report on training programmes in Clinical skill lab/simulator Centre	[View Document](#)
Proof of patient simulators for simulation-based training	[View Document](#)
Proof of Establishment of Clinical Skill Laboratories	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Geotagged Photos of the Clinical Skills Laboratory	[View Document](#)
Details of training programs conducted and details of participants.	[View Document](#)
Any other relevant information	[View Document](#)
Link for additional information	[View Document](#)

2.3.3

Teachers use ICT-enabled tools for effective teaching and learning process, including online e-

resources

Response:

Velammal Medical College Hospital and Research Institute (VMCH&RI) recognizes the importance of integrating Information and Communication Technology (ICT) tools in the teaching and learning process. The institute's focus is on promoting self-directed learning, interaction, collaboration, and communication among teachers and students to foster a deeper understanding of the subject.

Faculty members at VMCH&RI are proficient in the use of appropriate technology tools for e-learning, such as Google Classroom, Google Meet, and Zoom meetings. These tools have been extensively used during the COVID-19 pandemic, offering students a flexible, supportive, and engaging learning environment. The IT department provides adequate and timely technical support and organizes training programs for the faculty.

The institute's classrooms are well-lit, ventilated, and equipped to meet the audio-visual needs of conventional teaching. Four lecture halls are equipped with LCD projectors, CPUs, hand mics, podium mics, and collar mics with LAN. Faculty members use PowerPoint presentations and videos to deliver effective teaching, and projectors are available in all demonstration rooms.

To meet the research-oriented needs of the departments, the institute provides facilities like video-conferencing, various research CDs and DVDs, and broadband internet. A working team comprising IT, biomedical, electrical, civil, and mechanical experts is available on a full-time basis for infrastructure maintenance.

The library provides adequate books for students and faculty to access their contents. AutoLib software, which is a Popular and advanced integrated Library automation management software is utilised in Library.

VMCH&RI is in the process of developing a learning management system using Moodle, and other ICT tools such as cameras, printers, photocopiers, scanners, microphones, DVDs, and CDs are generally used. Students and faculty use online resources available in electronic media in the library to update their online learning/teaching abilities.

The department of pharmacology uses computer-assisted learning to aid and support the education and training of students, while the department of community medicine uses group emails to circulate reference material during flipped classrooms. Furthermore, batch-wise WhatsApp groups have been created, and students use this social media platform to discuss class-related topics with their peers and teachers.

Management at VMCH&RI has provided all the required ICT-enabled tools and facilities for effective teaching and learning. The institute's dedication to integrating technology into the learning process has resulted in a flexible and engaging learning environment that empowers students to succeed in their academic pursuits.

In conclusion, VMCH&RI has taken significant steps towards integrating ICT tools in the teaching and learning process. The institute's efforts have resulted in a flexible and engaging learning environment that enables students to learn and succeed. Through its dedication to technology-enabled learning,

VMCH&RI continues to provide high-quality education and training to its students.

File Description	Document
File for list of teachers using ICT-enabled tools (including LMS)	[View Document](#)
File for details of ICT-enabled tools used for teaching and learning	[View Document](#)
Link for webpage describing the "LMS/ Academic Management System"	[View Document](#)

2.3.4

Student :Mentor Ratio (preceding academic year)

Response: 7.03

2.3.4.1 Total number of mentors in the preceding academic year

Response: 96

File Description	Document
Log Book of mentor	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Copy of circular pertaining the details of mentor and their allotted mentees	[View Document](#)
Approved Mentor list as announced by the HEI Allotment order of mentor to mentee	[View Document](#)
Any other relevant information	[View Document](#)
Link for any other information	[View Document](#)

2.3.5

The teaching learning process of the institution nurtures creativity, analytical skills and innovation among students

Response:

Medical Education Unit

In collaboration with MCI regional centre, MEU regularly organise basic, revised basic workshop to sensitize and train faculty to adopt innovation teaching learning methodologies. It has also organised Curriculum Implementation Support Programme workshop to faculty for implementing CBME.

Velammal Healthcare Innovation Awards

College organizes VHIA every year to identify and celebrate innovations in healthcare. It recognizes champions of innovation in medical field and provides a unique platform to discover new innovative products in healthcare across all ranges. Students interact with eminent speakers and innovators.

Problem Based Learning

Department of Physiology, Biochemistry, Community Medicine and Pharmacology are regularly conducting PBL sessions. Students are divided in groups with a Faculty as facilitator. Group is given a paper based problem /clinical scenario for analysis list possible explanations, formulate learning objectives, set priorities, brainstorming, look for additional information outside group, report, synthesize, test information and present the summary process of final diagnosis to the whole class by a representative.

Community-Based Education

Department of Community Medicine is involved in imparting community-based education, which provides essential skills to students for providing primary health care. Accordingly, students are involved in village health survey, family health survey, diet survey and awareness programmes/ rallies and medical camps.

Team-Based Learning

Department of community medicine has piloted team based learning and flipped classroom. In both interventions' students were divided into small groups and preparatory materials were provided to them. For TBL, Sessions were organised and individual as well as team readiness assurance test was assessed by faculty duly clarifying students doubts. During flipped classroom, collaborative and interactive discussions held to improve learning.

Drawing/ Rangoli competitions

Anatomy and physiology departments organize drawing, painting, poetry, and rangoli competitions for students.

Model making competitions

Department of physiology and Biochemistry regularly conduct model making competitions for students. They make working/static models of given topic and demonstrate models to other students and faculty. Best models and presentations are suitably rewarded.

Psychiatry department involves students in small projects to make them aware of mental health.

Participation in conferences/workshops

Students are encouraged from concerned faculty to participate in conferences/workshops to present their research papers, debate and quiz competitions organised by medical colleges across country. They have won several awards and accolades.

Students club

Department of forensic medicine has forensic club namely 'sherlock holmes club'. It encourages students to enhance their subject knowledge and active participation in debates on topics related to ethical and legal issues.

Department of Pharmacology has many facilities. These include organization of medal exam for identifying outstanding students with keen to interest to learn pharmacology. It has set up Computer assisted learning lab with 10 computers containing ExPharm software in 2017. Students are divided into sub batches. Faculty explain CAL facilities. It has also developed antibiotic policy worksheet, pharmacovigilance worksheet and implemented chart based learning to enhance the involvement of the students in their practical hours.

Organisation and participation in educational events

College hosts guest lectures, special/motivational talks, higher education and career guidance classes.

File Description	Document
Link for any other relevant information	[View Document](#)
Link for appropriate documentary evidence	[View Document](#)

2.4 Teacher Profile and Quality

2.4.1

Average percentage of fulltime teachers against sanctioned posts during the last five years

Response: 98.65

File Description	Document
Sanction letters indicating number of posts (including Management sanctioned posts) by competent authority (in English/translated in English)	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Any additional information	[View Document](#)
Links for additional information	[View Document](#)

2.4.2

Average percentage of fulltime teachers with Ph.D./D.Sc./ D.Lit./DM/M Ch/DNB in super specialities /other PG degrees (like MD/ MS/ MDS etc.,) in Health Sciences (like MD/ MS/ MDS etc.,) for recognition as Ph.D guides as per the eligibility criteria stipulated by the Regulatory Councils /Affiliating Universities.

Response: 90.49

2.4.2.1 Number of fulltime teachers with Ph.D/D.Sc./D.Lit./DM/M Ch/DNB in super specialities / other PG degrees (like MD/ MS/ MDS etc.,) in Health Sciences for recognition as Ph.D guides as per the eligibility criteria stipulated by the Regulatory Councils. Last five years data to be entered.

2021-22	2020-21	2019-20	2018-19	2017-18
178	178	189	216	234

File Description	Document
Institutional data in prescribed format	[View Document](#)
Copies of Guideship letters or authorization of research guide provide by the the university	[View Document](#)
Any additional information	[View Document](#)

2.4.3

Average teaching experience of fulltime teachers in number of years (preceding academic year)

Response: 8.51

2.4.3.1 Total teaching experience of fulltime teachers in number of years (cumulative experience)

Response: 1744.39

File Description	Document
Institutional data in prescribed format	[View Document](#)
Consolidated Experience certificate duly certified by the Head of the insitution	[View Document](#)
Any additional information	[View Document](#)

2.4.4

Average percentage of teachers trained for development and delivery of e-content / e-courses during the last 5 years

Response: 92.12

2.4.4.1 Number of teachers trained for development and delivery of e-contents / e-courses year-wise during the last five years.

2021-22	2020-21	2019-20	2018-19	2017-18
188	181	191	217	235

File Description	Document
Institutional data in prescribed format	[View Document](#)
Certificate of completion of training for development of and delivery of e-contents / e-courses / video lectures / demonstrations	[View Document](#)
Any additional information	[View Document](#)
Web-link to the contents delivered by the faculty hosted in the HEI's website	[View Document](#)
Link for additional information	[View Document](#)

2.4.5

Average Percentage of fulltime teachers who received awards and recognitions for excellence in teaching, student mentoring, scholarships, professional achievements and academic leadership at State, National, International levels from Government / Government-recognized agencies / registered professional associations / academies during the last five years

Response: 2.51

2.4.5.1 Number of fulltime teachers who received awards and recognitions for excellence in teaching and student mentoring, scholarships, professional achievements and academic leadership at State, National, International levels from Government / Government-recognized agencies / registered professional associations / *academies* during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
4	7	5	11	12

File Description	Document
Institutional data in prescribed format	[View Document](#)
e-Copies of award letters (scanned or soft copy) for achievements	[View Document](#)
Any additional information	[View Document](#)

2.5 Evaluation Process and Reforms

2.5.1

The Institution adheres to the academic calendar for the conduct of Continuous Internal Evaluation and ensures that it is robust and transparent

Response:

Academic Calendar is prepared well before commencement of academic yearby consulting every department. Suggestions given by Academic Council/Curriculum Committee are incorporated in it. Academic Calendar carries details of time and date of theory class, practical class, internal assessments and model exams, as per university calendar. Plan of remedial sessions to be conducted after regular hours is also incorporated.

Continuous Internal Evaluation is incorporated as per university guidelines offering a considerable flexibility to departments. Departments follow the pattern and frequency Internal Examination including theory and practical after discussion with the faculties as per affiliating university guidelines.

During introduction, students are informed about the details of evaluation process, objectives of the subject, attendance requirement, marking system of university, frequency of internal assessments and model exams. The academic calendar of Details of class room teaching and clinical posting in ward as per calendar is displayed on notice board of the department.

Internal assessment examinations including model examinations are conducted under strict vigilance. CCTV cameras and mobile jammers are used to prevent malpractices if any. Absentees are allowed to write test on another date with valid reasons. Group discussions, Seminars, Presentations, Projects work, completion and submission of log book and record book etc. are considered in formative assessment.

answer sheets valuation is assigned to multiple faculties to avoid bias and ensure the fairness. Evaluation process is completed in a week. Marks are displayed on notice board. Test sheets are preserved. Students' grievances if any are addressed and the final marks are consolidated and submitted to Vice principal office.

Post of Controller of Examinations was created by an executive order from the Dean on 04th Jan 2019.

It was proposed, COE would organise end of semester examinations on lines of University Examinations and internal assessment examinations and tests would be conducted by respective Heads of departments to enable students face university examinations confidently.

First end of semester examinations will be conducted during June – July. Question papers were set by HODs and submitted to COE so as be printed on the day of exam to ensure confidentiality. Invigilators from the respective departments along with another invigilator of other department were posted.

In next end of semester examinations, invigilators were selected and posted from other departments. The HOD or any one faculty deputed from the concerned department for which the exam was being conducted was permitted to scrutinize the question paper. Question Papers were set by the departmental faculty and submitted to the office of the COE in advance. It was mandated to evaluate answer booklets and submit marks within seven days. This helped students to know their deficiencies before they face their university exams.

It's proposed, setting of question papers for ESE / Model exams by external examiners, Cross evaluation and external evaluation for Model exams. Clinical departments involve faculty from other Medical Colleges to conduct Clinical and Viva Voce Exams during Model Exams.

Guidelines are similar to the ones laid down by university.

File Description	Document
Link for any other relevant information	[View Document](#)
Link for dates of conduct of internal assessment examinations	[View Document](#)
Link for academic calendar	[View Document](#)

2.5.2

Mechanism to deal with examination related grievances is transparent, time-bound and efficient

Response:

VMCH & RI has separate Examination section which oversees smooth conduct of internal assessment examinations, term end examsand related grievances. It ensuresconduct of examinations as per affiliating University guidelines. Instructions for fair conduct of examinations are shared to staff involved in conduct of examinations.Accordingly,standard operating procedure for grievances related to examination

is in place.

GrievancesRegarding University Examination:

Pre-examination Grievances&Procedure for redress of Grievance

Late submission of university examination application: Students contact college examination section, which communicates with the university MBBS examination section. Submission is resolved with penal fee of Rs 1,500 if done within three days after due date or with penal fee of Rs 3,000 if done within six days.

Examination hall tickets not received on time: College examination section escalate the matter to controller of examination in university. It will be resolved thereat immediately and Hall tickets can be downloaded online through university login.

Discrepancy in register number printed in answer sheet, damaged bar code, missing pages, loose stitching: After due verification chief superintendent issues a new answer sheet.

Grievances after declaration of university result&Procedure for redress of Grievance

Grievance regarding evaluation or totaling: University conducts double evaluation for candidates who have obtained less than 50% marks in MBBS theory examination. University has specified that there is no necessity for candidate to apply for re-totaling, since re-totaling is done in both evaluations. Revaluation of answer papers is not permissible as per university norms. However, photocopies of answer scripts are provided only for those candidates who have passed clinical/practical examination. Photocopies of answer scripts are given to candidates for their personal reference only and self-assessing their performance in exam so as to enable them to improve in subsequent examinations. Candidates have no right to claim any additional marks based on self-assessment / compare with other examiner's marks/ get it assessed by other teachers(s). student has to apply for photocopy of answer sheets within the date stipulated to head of the institute

Grievance regarding internal examination:

At college level, Examination committee settlesissues regarding internal examinations

1. The college strictly adheres to the guidelines given by the University while conducting internal examinations.
2. Time table for internal examination is prepared well before and communicated to students so that they have sufficient time for preparation.
3. Internal exams are conducted in exam halls under supervision of other subject faculties.
4. During internal exam concerned head of the department verifies and makes necessary corrections in the question paper.
5. Valuation is done by the entire faculty in each department with specific questions assigned to each faculty to have fair and uniform valuation.
6. After valuation students are given answer key and answer sheets. Feed-back is given to improveperformance in subsequent exams. Discrepancy if any is reported.
7. Internal assessment marks are displayed in student notice board. Copies are sent to the Dean and student section. Internal assessment marks are sent to university.

File Description	Document
File for number of grievances regarding University examinations/Internal Evaluation	[View Document](#)
File for details of University examinations / Continuous Internal Evaluations (CIE) conducted during the last five years	[View Document](#)
File for any other relevant information	[View Document](#)

2.5.3

Reforms in the process and procedure in the conduct of evaluation/examination; including Continuous Internal Assessment to improve the examination system.

Response:

Affiliated University has bar coding system and introduced double valuation from February 2012 Examination. Examination halls have jammers, CCTV surveillance to prevent malpractice. Candidates are mandated to bring Hall tickets and to be seated half-an-hour before examination.Electronic communication devices are strictly prohibited.

Question paper is sent throughExamination Wing Sequel online mode (Server I and Server II - https://www.tnmgrmu.ac.in/images/sequel/) to respective centres fifteen minutes before the theory examination **(Question Paper will be available for Forenoon session between 9.15am and 9.30am and for Afternoon session between 1.45pm and 2.00pm)**with a password and access only to chief superintendent of examinationappointed by The Tamilnadu Dr. M.G.R. Medical University.

While decoding/downloading the question paper, the Chief Superintendent should make sure that no outsider/ other unconnected staff
members/concerned subject teaching staff is present at the examination hall.University appoints special observers randomly to monitor theory examination process. Packing and dispatching of answer scripts is done in the presence of Chief Superintendent of Examination. The Chief Superintendent is responsible to dispatch the following documents on the same day of examination through speed post.

- Written Answer Scripts
- Unused Answer Sheets
- Unused Spare Sheets
- Unused Covers
- Attendance Sheet
- Absentees Statement

Failure to dispatch the above materials on the day itself will entail action
against the Chief Superintendent.

Theory Examination Absentees to be entered through TNMGR University CMS 2.0 Online system

(https://cms2.tnmgrmu.ac.in/) by the Institution & system generated report duly signed by the Chief Superintendent has to be sent to the University along with the Answer scripts on the same day.

The Chief Superintendent is fully responsible for the smooth conduct of the theory examinations. He has to take all pre-cautionary measures to prevent any kind of malpractice by the candidates and keep strict vigil during the examination.

University provides specific guidelines, scheme of practical examination of First year MBBS, Second year MBBS, Third Year MBBS Part I &Final Year MBBS part II degree course and schedule of examinations. It appoints of Internal and External Examiners.Practical examination includes Spotters, OSPE, experiments, problem solving exercises, Epidemiological Exercise, short and long case presentation depending on specific subjects. Viva Voce is conducted to assess knowledge of students. Marks obtained in Internal Assessments are accounted for final computation of score. Oral and Practical marks entered Online and Computer-Generated hard copy sent to University duly signed by all examiners.

Continuous Internal Assessment System

Formative assessment is done through class tests, presentations, seminars, and assignments, non-formal assessment on observation of individual student's participation in group work, classroom learning and initiatives. Internal assessment exams are announced about fifteen days in advance. Test papers are evaluated by faculty in rotation and results announced within seven days of examination. Doubts or grievances are discussed in feedback sessions and addressed by the respective faculty evaluated the papers and informed to HOD if needed. Periodical OSPE with feedback, class tests at the end of each completed portions, viva voce sessions are conducted.

File Description	Document
Link for any other relevant information	[View Document](#)
Link for Information on examination reforms	[View Document](#)

2.5.4

The Institution provides opportunities to students for midcourse improvement of performance through specific interventions

Opportunities provided to students for midcourse improvement of performance through:

1. Timely administration of CIE
2. On time assessment and feedback
3. Makeup assignments/tests
4. Remedial teaching/support

Response: A. All of the above

File Description	Document
Re-test and Answer sheets	[View Document](#)
Policy document of the options claimed by the institution duly signed by the Head of the Institution	[View Document](#)
Policy document of midcourse improvement of performance of students	[View Document](#)
List of opportunities provided for the students for midcourse improvement of performance in the examinations	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Links for additional information	[View Document](#)

2.6 Student Performance and Learning Outcomes

2.6.1

The Institution has stated the learning outcomes (generic and programme-specific) and graduate attributes as per the provisions of the Regulatory bodies and the University; which are communicated to the students and teachers through the website and other documents

Response:

COs are to be attained by all students at the end of a formal course. While the method of computation of attainment of COs is not unique, each Institution has to follow a well-defined direct method of computing CO attainment based on the student performance in all assessment instruments, and indirect method of computing COs through course exit survey of students.

College has stated the learning outcomes (Generic and Program Specific) for all the courses as per guidelines of the affiliating University and MCI. Programme outcomes, program-specific outcomes and course outcomes of all the programs as per on syllabus are displayed on the College website. All these are informed to students during the orientation programme conducted before the commencement of their course and also discussed at the departmental staff meeting at the beginning of every academic year.

The Programs are in sync with Vision, Mission and Graduate attributes which lays (lay) stress on societal change through education with focus on attributes such as competence, credibility, ethical standards and social concern. Graduates accomplish competencies in all relevant domains so as to be ready for globally employability in accordance with regulatory body guidelines. Learning outcomes/graduate attributes are essential part of curriculum design, delivery and development.

The undergraduate medical education program imparts the requisite knowledge, skills, attitudes and values so as to enable them function as a doctor. MCI has described five important rolesto medical graduate attributes. Clinician, who understands, provides preventive, promotive, curative, palliative and

holistic care with compassion. In order to achieve this regular clinics, case-based discussions, case scenarios and grand rounds with senior faculties are conducted.

Leader is one who work effectively and appropriately with colleagues in an inter-professional health care team respecting diversity of roles, responsibilities and competencies of other professionals.

Communicator has better communication with patients, staff and colleagues etc. Students are made to interact with patients and family members in field visits, community postings etc.

Lifelong learner is the one who is desirous of upskilling and continuous improvement of knowledge.

Continuous Medical Education (CME) comes in handy to update the knowledge and skills on an ongoing basis. Professional is bound to excellence, ethics and responsiveness. He is accountable to patients, community and profession. Medical ethics is included in the didactic lectures, clinical postings, practical sessions, and value-added course.

Head of Departments prepare UG & PG programme learning outcomes year wise along with the senior faculty members. It's informed to students during orientation programme and also in teaching-learning sessions. Based on the learning outcomes college has defined graduate attributes like empathy, leadership qualities, communication skills, problem-solving capability, environmental consciousness, professionalism, globally competitive, ICT and Research etc. Faculty are trained to develop assessment tools to compute the attainment of learning outcomes.

In a nutshell, VMCH&RI follows the Learning Outcomes as laid down by different regulatory bodies and assesses them through formative as well as summative examination.

File Description	Document
Link for relevant documents pertaining to learning outcomes and graduate attributes	[View Document](#)
Link for any other relevant information	[View Document](#)
Link for upload Course Outcomes for all courses (exemplars from Glossary)	[View Document](#)
Link for methods of the assessment of learning outcomes and graduate attributes	[View Document](#)

2.6.2

Incremental performance in Pass percentage of final year students in the last five years

Response: 99.29

2.6.2.1 Number of final year students of all the programmes, who qualified in the university examinations in each of the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
152	157	141	147	143

2.6.2.2 Number of final year students of all the programmes, who appeared for the examinations in each of the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
156	159	142	148	144

File Description	Document
Trend analysis for the last five years in graphical form	[View Document](#)
Reports from Controller of Exam (COE) office/ Registrar evaluation mentioning the relevant details and the result analysis performed by the institution duly attested by the Head of the Institution	[View Document](#)
List of Programmes and the number of students passed and appeared in the final year examination each year for the last five years.	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Any additional information	[View Document](#)
Link for the annual report of examination results as placed before BoM/ Syndicate/ Governing Council for the last five years.	[View Document](#)
Links for additional information	[View Document](#)

2.6.3

The teaching learning and assessment processes of the Institution are aligned with the stated learning outcomes.

Response:

The Curriculum Committee of the institute plays a vital role in the planning, implementation, and evaluation of any teaching program in the institute. The members regularly review the existing syllabus and encouraged the reforms especially development of integrated curriculum/ teaching and adoption of

innovative teaching learning and evaluation methodologies. Curriculum mapping is done by the members of the curriculum committee and subcommittees to recognize and address academic gaps, and to ensure alignments in order to improve the overall coherence of a course of study to achieve the courses and learning objectives. The focus of curriculum mapping is on assessing the content and its relevance to learning outcomes, availability/requirement of resources to deliver the contents, timetabling and sequencing.

Much focus is given in designing and implementation of an integrated teaching–learning approach. The institute has implemented horizontal, vertical, as well as transdisciplinary integration by involving various pre ¶ clinical and clinical departments to teach a pertinent topic in more effective manner.

Attitude, ethics and communication (AET COM) module and CBME was introduced to the 2019-20 batch of MBBS students.

The Graduate Medical Education Regulations (GMER) 2019, recommend that the MBBS curriculum has to be aligned to the maximum possible by grouping together the various topics having similar threads in different subjects in the same phase and integrating topics both vertically and horizontally.

The horizontal integration within a phase helps in eliminating the redundancy and provide interconnectedness whereas the vertical integration (across phases) emphasises the applicative use of the basic science concept taught and helps to utilise and build on prior knowledge emphasising the foundations of clinical practice.

The alignment and integration team (AIT) consisted of faculty from various departments who ensure that the aligned and integrated topics are delivered. The AIT is also engaged in creating designing the learning and assessment sessions of the aligned and integrated topics identified across various phases. The team members help in delivering the session in cooperative and collaborative manner.

In our institute alignment is done for the majority of the curriculum allowing similar systems or topics in different subjects to be learnt separately but during the same time frame. An organ system based or topic/disease-based alignment has been done in our institute. Similarly, for integration, a timetable has been prepared to ensure similar topics in different subjects to be learnt separately but during the same time frame.

There is no modification in the schedule of assessment and a subject based assessment is still practiced in the institution.

Student learning outcome data is analysed regularly and also collated through mentor system. Accordingly, slow and advanced learners identified, and appropriate initiatives implemented. Students are encouraged to participate in community outreach programs, college and intercollege quiz, symposium and skill development activity workshops. OSPE/OSCE, workshops and role play are also utilised wherever needed for teaching learning

Teaching learning and assessment process is aligned with learning outcomes and competency based medical education.

File Description	Document
Link for any other relevant information	[View Document](#)
Link for programme-specific learning outcomes	[View Document](#)

2.6.4

Presence and periodicity of parent-teachers meetings, remedial measures undertaken and outcome analysis

Response:

Parent Teacher Meeting (PTM) is an effective platform wherein parents can discuss regarding their wards' performance and learning processes. Our institute has always encouraged parents to be actively involved in their children's academic lives as they are important stakeholders. The institute is regularly scheduling face-to-face meetings between teachers and individual parents.

PTM is held at regular intervals for the first year MBBS to the final year MBBS. PTMs scheduled dates are fixed at the starting of each academic year. It's displayed on the college website in the academic calendar and also notice board. Parents are invited well in advance through messages and individual telephone calls.

At each of these meetings, after parents are comfortably seated in a hall, faculty provides feedback to them regarding their child's academic progress in the institute in order to improve student attitudes, behaviour, and performance. It appraises about structured agenda, student attendance, results and programs. Vice-Principal and Head of the Department of the respective subjects are present. HODs emphasise the importance of attendance in theory and in practical. They inform parents of consequences of lack of attendance, poor performance and adverse impact on writing the University exam.

Parents are encouraged to ask questions. Faculty not only appraise academic problems of students but also utilise PTMs for their appreciation. The parent's feedback is collected on the infrastructure, facilities and overall educational resources and environment informally as well as formally through the structured feedback form. The vice principal individually interacts with each parent and collect feedback on teachers of the various departments. This helps to fix teacher's accountability and improve their pedagogical practices. Students' grievances, if any are also given patient hearing. In case of any suggestions given by the parents the faculty/vice principals discuss with the dean and management for its implementation.

Parents can meet faculty in case of exigencies on any other day to discuss their ward's performance in academic activity, attendance or otherwise.

Vice Principal office has nominated one of the staff from the academic section who regularly collect the data regarding internal assessment marks and attendance and analyse the performance of the students. The students having extremely poor performance (< 35% score), poor attendance (< 75%) in the theory classes of practical's are identified and their parents are informed telephonically or through letter and are requested to attend the meeting with the Vice principal and concerned head of the department and faculty/mentors.

The parents are invited for the orientation programme/fresher day at the institute every year. Apart from this, the institute regularly organises motivational talk, career guidance program in which along with students' parents are being invited.

VMCH & RI Students and Parents Meet was organised biannually in last 5 years on 25.10.2018 a special program was organised at Ida Scudder Auditorium 2. The theme of the programme was "DOCTORS – A VIEW". A guest lecture was delivered by Dr. Mohamed Rela, World Renowned Hepatologist and he addressed several queries of the parents and students provided them various avenues for their career after MBBS.

File Description	Document
Link for proceedings of parent –teachers meetings held during the last 5 years	**View Document**
Link for follow up reports on the action taken and outcome analysis.	**View Document**
Link for any other relevant information	**View Document**

2.7 Student Satisfaction Survey

2.7.1

Online student satisfaction survey regarding teaching learning process

Response: 3.64

Criterion 3 - Research, Innovations and Extension

3.1 Resource Mobilization for Research

3.1.1

Percentage of teachers recognized as PG/ Ph.D research guides by the respective University

Response: 13.67

3.1.1.1 Number of teachers recognized as PG/Ph.D research guides during the last 5 years

2021-22	2020-21	2019-20	2018-19	2017-18
74	76	0	0	0

File Description	Document
List of full time teacher during the last five years.	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Copies of Guideship letters or authorization of research guide provide by the university	[View Document](#)
Any additional information	[View Document](#)

3.1.2

Average Percentage of teachers awarded national /international fellowships / financial support for advanced studies/collaborative research and participation in conferences during the last five years

Response: 0.54

3.1.2.1 Number of teachers awarded national/ international fellowship / Financial support for advanced studies/collaborative research and conference participation in Indian and Overseas Institutions year-wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
0	0	3	2	1

File Description	Document
Institutional data in prescribed format	[View Document](#)
Fellowship award letter / grant letter from the funding agency	[View Document](#)
E-copies of the award letters of the teachers	[View Document](#)
Any additional information	[View Document](#)
Link for Additional Information	[View Document](#)

3.1.3

Total number of research projects/clinical trials funded by government, industries and non-governmental agencies during the last five years

Response: 16

3.1.3.1 Number of research projects/clinical trials funded by government/industries and non-government agencies year-wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
1	7	6	1	1

File Description	Document
Institutional data in prescribed format	[View Document](#)
E-copies of the grant award letters for research projects sponsored by Government, industries and non-government sources such as industries, corporate houses etc	[View Document](#)
Any additional information	[View Document](#)
Link for Additional Information	[View Document](#)

3.2 Innovation Ecosystem

3.2.1

Institution has created an ecosystem for innovations including incubation centre and other initiatives for creation and transfer of knowledge

Response:

VMCH&RIhas an eco-system for Research, Innovation and Incubation to nurture creativity of students. It provides a platform for research which transforms into practice for benefit of community and accomplishment of vision of College. Unresolved medical issues of patients are identified and resolved through research.

The institute has always encouraged students and staff to engage in research activities. They are encouraged to take part in **ICMR STS program.** ICMR has awarded funds to many project proposals of students. Faculty participate in various **CME and other professional improvement** programmes, so as to stay updated on latest advancement in their respective fields.

Teaching Hospital and various labs are equipped with the latest devices. An ongoing effort is also made to bring the latest in treatment modalities to the institute. This not only helps in providing quality care to the patients but also provide the students and the faculty in conducting research. A fully equipped central research lab has been established in order to assist in the conduct of biomedical research including an ongoing project in collaboration with HCL technologies in calibrating analysers.

College has Innovation and Incubation centre which convert ideas in to proper shape. It was started with an aim of transforming aspiring students in to young researchers and clinicians. Various **seminars and workshops** are held to guide students about generating a research idea, developing research proposal, data entry and analysis etc. It helps students and faculty basic steps in research, identify various funding agencies and facilitate application and procurement of grants. It also helps students identify vital areas of research and empower them with all the necessary technical knowledge and skills in conducting research.

In 2018 the Institute conducted the "**Velammal Innovation Summit Awards**", a national level competition for Medical Innovators across the country. One of the major aims of this program was to expose the students to the experience of these innovators who are driving changes in the way medical science is practiced. This proved to be a great success.

In 2019, the Institute conducted a mega event "Velammal Healthcare Innovation Awards". The categories were expanded to include digital innovations & technological innovations that have application in medical science apart from doctors. Of more than 200 innovations submitted, around 70 were short listed, and the innovators were asked to present their innovations at the Institute.

As part of this event a full day scientific session was organised, with prominent speakers from across India and abroad. Thus, not only the students and faculty had an opportunity to see new innovations being made in healthcare industry, but also an opportunity to hear expert talks about various topics.

File Description	Document
Link for any other relevant information	[View Document](#)
Link for details of the facilities and innovations made	[View Document](#)

3.2.2

Total number of workshops/seminars conducted on Intellectual Property Rights (IPR) Research methodology, Good Clinical, Laboratory, Pharmacy and Collection practices, writing for Research Grants and Industry-Academia Collaborations during the last five years

Response: 41

3.2.2.1 Number of workshops/seminars conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices year-wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
9	6	9	9	8

File Description	Document
Report of the workshops/seminars with photos	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Any additional information	[View Document](#)
Link for Additional Information	[View Document](#)

3.3 Research Publications and Awards

3.3.1

The Institution ensures implementation of its stated Code of Ethics for research.

The Institution has a stated Code of Ethics for research, the implementation of which is ensured by the following:

1. **There is an Institutional ethics committee which oversees the implementation of all research projects**
2. **All the projects including student project work are subjected to the Institutional ethics committee clearance**
3. **The Institution has plagiarism check software based on the Institutional policy**
4. **Norms and guidelines for research ethics and publication guidelines are followed**

Response: C. Any 2 of the above

File Description	Document
Share the code of ethics of research clearly stating the claims of the institution duly signed by the Head of the Institution	[View Document](#)
Institutional data in prescribed forma	[View Document](#)
Any additional information	[View Document](#)
Link for Additional Information	[View Document](#)

3.3.2

Average number of Ph.D/ DM/ M Ch/ PG Degree in the respective disciplines received per recognized PG teacher of the Institution during the last five years.

Response: 0

3.3.2.1 Number of Ph.D.s /DM/M Ch/PG degrees in the respective disciplines received per recognized PG teachers of the Institution during the last five years.

3.3.2.2 Number of PG teachers recognized as guides by the Regulatory Bodies / Universities during the last five years.

Response: 74

File Description	Document
PhD/ DM/ M Ch/ PG Degree Award letters of students (with guide's name mentioned)	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Any additional information	[View Document](#)

3.3.3

Average number of papers published per teacher in the Journals notified on UGC -CARE list in the UGC website/Scopus/ Web of Science/ PubMed during the last five years

Response: 1.89

File Description	Document
Institutional data in prescribed forma	[View Document](#)
Any additional information	[View Document](#)
Link for Additional Information	[View Document](#)
Web-link provided by institution in the template which redirects to the journal webpage published in UGC notified list	[View Document](#)

3.3.4

Average number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedingsindexed in UGC-CARE list on the UGC website/Scopus/Web of Science/PubMed/ during the last five years

Response: 0

File Description	Document
List of books and chapters in edited volumes/books published with ISBN and ISSN number and papers in national/ international conference proceedings year-wise during the last five years	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Any additional information	[View Document](#)
Link for additional Information	[View Document](#)

3.4 Extension Activities

3.4.1

Total number of extension and outreach activities carried out in collaboration with National and International agencies, Industry, community, Government and Non-Government organizations engaging NSS / NCC / Red Cross / YRC / Institutional clubs etc. during the last five years.

Response: 78

3.4.1.1 Number of extension and outreach activities carried out in collaboration with National and International agencies, Industry, community, Government and Non-Government organizations engaging NSS/NCC/Red Cross/YRC/Institutional clubs etc. during the last five years.

2021-22	2020-21	2019-20	2018-19	2017-18
47	4	6	12	09

File Description	Document
Photographs or any supporting document in relevance	[View Document](#)
List of students in NSS/NCC/Red Cross/YRC involved in the extension and outreach activities year-wise during the last five years	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Detailed program report for each extension and outreach program should be made available, with specific mention of number of students and collaborating agency participated	[View Document](#)
Any additional informatio	[View Document](#)

3.4.2

Average percentage of students participating in extension and outreach activities during the last five years

Response: 70.02

3.4.2.1 Number of students participating in extension and outreach activities year-wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
675	190	318	581	438

File Description	Document
Institutional data in prescribed forma	[View Document](#)
Detailed program report for each extension and outreach program should be made available, with specific mention of number of students and collaborating agency participated and amount generated Photographs or any supporting document in relevance	[View Document](#)
Any additional information	[View Document](#)
Link for additional information	[View Document](#)

3.4.3

Number of awards and recognitions received for extension and outreach activities from Government / other recognised bodies during the last five years

Response:

VMCH&RI is a largest tertiary care centre in the Madurai district. It conducts regular outreach and extension activities in collaboration with various industries, NGOs, Schools, Colleges & Government Health institutes. Accordingly, it conducts medical camps, health education activities and other programmes to create awareness among the general public about various health issues.

One such group of people benefited by the outreach activity of the institute are those affected by Leprosy. This service is provided through the department of Community Medicine and Mahelerecen, an NGO working for care & rehabilitation of Leprosy patients. The NGO has appreciated the efforts of the faculty and students in providing medical services and health education.

The department of Community Medicine also provides preventive and curative care in the community by organising medical camps in various villages in Madurai & nearby districts. These activities have been well received and greatly appreciated by the Panchayats of these villages and also by others organisations working in these communities.

Health camps & awareness campaigns are conducted in schools. Their Management have appreciated for the work done by students and faculty.

During celebration of breastfeeding week, College has conducted outreach activities such as educational programs, group discussions, skits, and competitions etc among new and expectant mothers. This program was awarded the certificate of achievement for "**Best Celebration**" by the *Breastfeeding Promotion Network of India* (*BPNI*) in 2018. The students and faculty involved in this activity also received appreciation.

In July 2019 faulty and interns from department of **Community Medicine** were involved in Leprosy survey in certain areas of Madurai. Their efforts received appreciation from the Deputy Director of Health services (Leprosy).

During the Pulse Polio Campaign of 2019, faculty and interns from our institute assisted the staff from Public Health Department in successful conduct of campaign in the surrounding areas.

The next day, faculty and students visited these areas and conducted door to door survey to ensure proper coverage of all children in the area. Both these programs received appreciation from the UHC Medical Officer.

The department of Dermatology conducted a rally to spread the awareness about leprosy. The activities were mainly carried out by the medical students and the program was appreciated by the Deputy Director of Health services (Leprosy).

The exemplary service of the Doctors, Nurses and supporting staff as COVID warriors during the COVID-19 pandemic was highly appreciated. Faculty deliver lectures on important health related topics.

Health education talks were organised for creating awareness about sanitation, hygiene and such other various issues apart from 'Ayushman Bharat', 'Beti Bacho Beti Padhao', for the general public. Govt and Non- Governmental Organizations have appreciated these activities.

In a nutshell College understands its social responsibility. It conducts outreach and extension activities for the betterment of society on regular basis. Appreciation of these activities by the general public, Govt and Non-govt organisations motivates the faculty and students to work with utmost dedication.

File Description	Document
Link for e-copies of the award letters	[View Document](#)
Link for list of awards for extension activities in the last 5 year	[View Document](#)
Link for any other relevant information	[View Document](#)

3.4.4

Institutional social responsibility activities in the neighborhood community in terms of education, environmental issues like Swachh Bharath, health and hygiene awareness, delivery of free/ subsidized health care and socio economic development issues carried out by the students and staff, including the amount of expenditure incurred during the last five years

Response:

VMCH&RI sensitize students related to Education, Environmental issues, Like Swachh Bharath, Health and Hygiene awareness and Socio-economic Development issues through engaging in various community outreach activities.

Department of Community Medicine conducts Health talks promoting awareness of Diet and Exercise & Lifestyle Modifications, Importance of Breast Feeding, Immunization, Sanitation and Personal Hygiene Village Health Survey, Diet Survey, Vector Survey etc are held in adopted villages. It conducts awareness activities of communicable and non-communicable diseases. Community field visits in adopted villages provide exposure to students.

College associate with NGOs working for marginalized sections of society -Orphanages, Old-Age Homes, schools for Deaf & Dumb, Leprosy Patients etc. Students become conscious of special needs of these vulnerable population during visits and health camps.

Students are posted to Urban &Rural centres during their internship. Thisenables them to observe and practice primary healthcare.

During door-to-door visits in villages, students and Interns interact with family members, perform basic examination/screening, provide health education and refer patients to health care facilities at VMCH &RI if needed.

Important Mission of college is to provide quality health services at an affordable cost. Accordingly, it provides healthcare to people of Madurai and   in surrounding district.

Primary healthcare is provided through satellite centres.

Mobile Health Teamprovides medical services to people residing in rural areas without access to basic healthcare facilities. Camps involving a single speciality or mega camps with multiple specialities are organised.

Swachh Bharat Abhiyan activities in villages sensitizes community about pollution, green environment, health and hygiene and maintenance of cleanliness in surroundings etc, wherein students and faculty actively participate**.**

Extension services include

- Free Health care through Rural & Urban Health Centres
- Adoption of villages -Family Adoption Program were carried out by our institute and nearly 12 villages have been adopted so far.Healthrelated queries and services have been rendered to all the family members in these families.
- Medical-service at door steps through Mobile Health Camps in rural areas -Covering 8 districts
- Specialist camps by various departments - General Medicine, Ophthalmology, Obstetrics etc
- Mega Heath camps involving consultants across various disciplines in surrounding districts
- Velammal Community Services – Free medical camps with free transportation for referral.
- Free OP& IP treatment, basic medication free of cost & concessions on rest of medication and investigations
- Relief work during natural disasters
- Health awareness campaigns – Rallies, Plays, Walks etc.

Students and faculty alongwith Medical Social Workers conduct family health survey to know their medical, social, environmental problems, counsel and in families and advise Preventive and Therapeutic measures.

They interact with community, do community needs assessment and provide specific health education.

During Gaja CycloneInterns and studentsidentified remote villages and conducted medical camps, provided relief work, distribution of basic necessities, food and other materials to the needy villagers. Students mobilised funds on their own to help people in affected areas.

We perceive outreach activities as an opportunity to serve society. Participation of students in various associated activities beyond academics make them socially responsible medical professionals.

File Description	Document
Any additional information	[View Document](#)
Link for details of Institutional social responsibility activities in the neighbourhood community during the last 5 years	[View Document](#)
Link for any other relevant information	[View Document](#)

3.5 Collaboration

3.5.1

Average number of Collaborative activities for research, faculty exchange, student exchange/ Industry-internship etc. per year for the last five years

Response: 11.2

3.5.1.1 Total number of Collaborative activities for research, faculty exchange, student exchange year-wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
28	1	6	9	12

File Description	Document
Institutional data in prescribed format	[View Document](#)
Documentary evidence/agreement in support of collaboration	[View Document](#)
Certified copies of collaboration documents and exchange visits	[View Document](#)
Any other Information	[View Document](#)
Link for Additional Information	[View Document](#)

3.5.2

Total number of Functional MoUs/linkages with Institutions/ Industries in India and abroad for academic, clinical training / internship, on-the job training, project work, student / faculty exchange, collaborative research programmes etc. for last five years

Response: 31

3.5.2.1 Number of functional MoUs/linkages with Institutions/ industries in India and abroad for academic, clinical training / internship, on-the job training, project work, student / faculty exchange, collaborative research programmes etc. for the last five years

Response: 31

File Description	Document
Institutional data in prescribed format	[View Document](#)
E-copies of the MoU's with institution/ industry/ corporate house, Indicating the start date and completion date	[View Document](#)
Any additional information	[View Document](#)
Link for additional information	[View Document](#)

Criterion 4 - Infrastructure and Learning Resources

4.1 Physical Facilities

4.1.1

The institution has adequate facilities for teaching - learning. viz., classrooms, laboratories, computing equipment, etc

Response:

At VMCH&RI, every department is provided with separate section that caters to academic, administrative and other supportive needs as stipulated by MCI. Departments have established self-contained space for faculties and non-teaching staff. departmental libraries, classrooms, museum and seminar halls, demonstration rooms, skill labs, CAL labs and other high-tech laboratories, dissection hall with ancillary laboratories, office space, student amenities, guest houses, hostel facilities for students and residential facilities for faculty to facilitate conduct various academic, research, training and extension activities associated with teaching and learning processes.

- Spacious, centrally air-conditioned **4**lecture halls and **15** Seminar halls for conducting theory classes and guest lecture sessions which are collectively utilised by all departments.
- Classrooms are well-lit, ventilated and equipped to meet audio-visual needs as well as conventional teaching tools and furnished comfortably to meet student requirements. Handsfree mics, Computer/ Desktop, LCD projectors, OHPs, adequate numbers of chairs and tables/ Working & Demonstration tables/ Ventilation., etc. are provided. Some of the classrooms/ labs are air-conditioned as stipulated by statutory bodies.
- Provision for conducting integrated teaching, debates, quiz, community-oriented activities and separate **45**demonstration rooms for clinical teaching are in place.
- Each OPD cabin has view box, where students can be shown x rays for learning radiological findings. Bedside and community site teaching (field visits to urban health centres) are made available that gives opportunity for the students for direct contact with the patients, observation and clinical reasoning. Clinical demonstration room is attached to each ward for regular bed side teaching. Facilities available to impart and enhance clinical judgement, communication, procedure, attitude and ethics.
- Facilities like video-conferencing, various research CDs and DVDs, broadband internet facility is provided for the department to meet their needs of research-oriented programs.
- All the department laboratories are well equipped with modern, modular and functional workspaces consolidating the student needs of water, electricity, gas and ICT needs. The laboratories are designed with the safety features infused in the infrastructure and create an excellent ambiance and atmosphere for work.
- The infrastructure facilities established in various departments/sections are kept open for the students and faculty during working hours and extended hours whenever required. Library and internet facilities are kept open on holidays/extended hours for all the students so as to utilise the learning resources to the maximum.
- Spacious, centrally air-conditioned auditorium, are available for conducting CMEs, workshop programs and other academic meets.
- Centrally air-conditioned central library and central research laboratory provided by Institute gives students, an opportunity to expand their learning

- A separate administrative section for disseminating the administrative policies and easing inter-departmental communications is present in the institute.
- The college has support amenities for students like Yoga club, mentorship programs that stimulate their concentration and learning.
- For maintenance of the infrastructure, working team comprising IT, biomedical, electrical, civil, mechanical with experts' staff are made available on full time basis.

File Description	Document
Link for any other relevant information	[View Document](#)
Link for list of available teaching-learning facilities such as Classrooms, Laboratories, ICT enabled facilities including Teleconference facilities etc., mentioned above.	[View Document](#)
Link for geotagged photographs	[View Document](#)

4.1.2

The institution has adequate facilities to support physical and recreational requirements of students and staff – sports, games (indoor, outdoor), gymnasium, auditorium, yoga centre, etc. and for cultural activities

Response:

A healthier lifestyle while coping with high demanding study environment is a prime requisite of medical students. VMCH&RI has established number of facilities for physical education and sport activities to realise this objective. With the strong belief that medical students should set an example for healthy living they are encouraged to participate in any kind of sports that interests them. A strong sense of sportsmanship and fairplay is fostered.

The institute provides huge opportunities for the students to participate in various indoor and outdoor sports activities. The vast campus provides number of grounds for different sports and games. They are well manicured with required greenery and maintained by dedicated staff. Annual sports meet is conducted regularly. The Physical education director and Assistant physical education director motivates the students to participate in local, zonal, University and National level events. Institution provides facilities for the following sports games:

- **Field Games:** Foot Ball, Cricket
- **Outdoor courts games:** Basketball, Volley ball, Throw ball
- **Other Outdoor games:** Lawn tennis
- **Indoor games:** Chess, Carrom, Table tennis, Shuttle badminton

- **Yoga:** Professional yoga instructors conduct sessions and also organize workshops for teaching and nonteaching staff.
- **Gymnasium:** In a nutshell it offers a comprehensive fitness and lifestyle changes program for general wellbeing.

Cultural Facilities

Auditorium: a technically sound, state of art, full air-conditioned auditorium with a seating capacity of 2500 audience with ample parking space is available for conducting various seminars, conferences and cultural programmes. Institute has established the cultural clubs.

Dedicated staff ensure these all facilities are always in ready condition for students. These facilities are utilized for conduct of all tournaments on regular basis.

Instruments available

- Keyboard -2
- Mixer- 1
- Base guitar -1
- V guitar -1
- Acoustic guitar-1
- Drumpad-1
- Speakers-2
- Mike-2
- Guitar stand-2
- Keyboard stand -2

Conducting/participating in various Inter-Department and Inter-College tournaments are regular features of VMCH&RI. Students have participated in various inter-medical tournaments hosted by other medical colleges and won prizes, Cultural fests, college day celebration, festival celebrations, workshops etc. are held. Winners are felicitated in annual college day programme.

Annual social gathering is conducted every year. It starts team and individual sports events. Cultural events include off stage events such as "Tug of war", Bridal make up" "Quiz" and "Treasure hunt" and on stage "Dance", "Music", "singing", "Instrumental", "Ramp walk". Both students and Faculty participate in the events. It concludes with the valedictory function.

File Description	Document
Link for any other relevant information	[View Document](#)
Link for geotagged photographs	[View Document](#)
Link for list of available sports and cultural facilities	[View Document](#)

4.1.3

Availability and adequacy of general campus facilities and overall ambience

Response:

VMCH&RI is endowed with modernistic buildings consisting of exorbitant physical infrastructure. The huge campus is maintained pollution free and plastic free zone. It's having excellent greenery and gardens providing serene surroundings adding to its ambience.

Facility Maintenance: is done by Department of Engineering headed by Resident Engineer and his technical supporting staff including Plumbers, Electricians, Carpenters, mechanics, etc. s

Hostel facilities: for undergraduate and postgraduate (male and female separately) with mess facilities and air-conditioned rooms.

Canteen: facilities (multi-Cuisine) for staff and students is made available.

Residential Quarters: accommodation to faculties of VMCHRI is provided within the campus.

Grocery store: is maintained for the benefit of students, patients and staff. It immensely benefits people residing in campus.

Guest House: A well-furnished guest house with air-conditioned stay rooms and modular rest rooms provides comfortable stay to guests and examiners at VMCHRI

Facilities for medical emergencies: A separate team maintains students' health records and organizes periodical health check-ups. A dedicated vehicle is available (24x7) for dealing with any health emergencies

Computer facility including access to internet: is provided to students for academic purpose on prior permission from Head of department.

Intercom: facilities for connecting all departments, library, labs, computer lab and office is in place.

CCTV cameras: installed in campus for security and safety.

Library facility in the hostels: is made available. Students can read Periodicals, magazines and newspapers in hostel.

Parking areas: are made available to students, college and hospital staffs. (separately)

Safe drinking water: is provided to students, staffs and residents within the within college premises and in accommodation areas. Quality of drinking water is checked periodically by maintenance department ensuring quality standards.

Water purification plant: There are 2 water purification plants operational in the college.

Sewage treatment plant: To process the sewage collected from the campus, 2 treatment plants are functional in the college.

Toilets: A total of 20 toilets are available for students and staffs at the hospital and college premises. The toilets are cleaned regularly maintaining hygiene standards.

Post office: The college has a post office identified as Anuppanadi P.O operational within the campus.

Bank: The college has a Nationalised bank (IOB) functioning within the campus

ATMs and KIOSK:

 The college has access to ATM and KIOSK facilities -2 ATM machines and 1 KIOSK adjacent to the bank and one ATM machine within the hospital premises.

Buses: The transport department maintains two buses helping students and staff members to commute to the college campus from surrounding areas.

Roads and signage: College possess well-laid roads and adequate signages at busy intersections providing detailed information to the drivers and road users.

Greenery: All the roads within the campus are adorned with tall trees and plants providing oxygen points and spreading homogenous feeling amongst everyone.

Alternate sources of energy: Rooftop solar power plant is installed in VMCHRI. It caters to the energy needs of medical college, staff hostels, chiller plant and other engineering service units in campus.

Other facilities available are: Xerox centre, hair cutting salon, beauty parlour.

File Description	Document
Link for photographs/ Geotagging of Campus facilities	[View Document](#)
Link for any other relevant information	[View Document](#)

4.1.4

Average percentage of expenditure incurred, excluding salary, for infrastructure development and augmentation during the last five years

Response: 4.71

4.1.4.1 *Expenditure incurred, excluding salary, for infrastructure development and augmentation year-wise during the last five years* (INR in lakhs)

2021-22	2020-21	2019-20	2018-19	2017-18
483.06	435.84	441.13	584.73	369.06

File Description	Document
Provide the consolidated expenditure towards infrastructure development and augmentation during last five years duly certified by Chartered Accountant and Head of the institution.	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Audited utilization statements (highlight relevant items)	[View Document](#)
Any additional information	[View Document](#)
Link for additional information	[View Document](#)

4.2 Clinical, Equipment and Laboratory Learning Resources

4.2.1

Teaching Hospital, equipment, clinical teaching-learning and laboratory facilities are as stipulated by the respective Regulatory Bodies

Response:

VMCHRI has 17 speciality clinics and Geriatric OPD & IPD services, 14 operation theatres, 4 diagnostic service departments and 5 clinical laboratories.

Teaching Hospital Services

Number of speciality services: 20

Accident & Emergency Medicine, Critical Care Unit, General Surgery, Paediatric, Anaesthesiology & Pain Management, Dermatology including Leprosy Clinic, STD, Master Health Checkup, Paediatric Surgery, Central Laboratory, Dialysis, Obstetrics and Gynaecology, Physiotherapy, ENT, Ophthalmology, Psychiatry, Clinical Nutrition, General Medicine, Orthopaedics, Radiology & Imaging Sciences, General Surgery

Number of super speciality services: 16

Cardiology, Cardiovascular & thoracic Surgery, Chest & Pulmonology, Endocrinology & Diabetology, Medical Gastroenterology, Medical Oncology, Neonatology, Nephrology, Neurology, Neurosurgery, Plastic & Reconstructive surgery, Reproductive Medicine, Rheumatology, Surgical Gastroenterology, Vascular Surgery, Maxillofacial surgery

Special Clinics

Hypertension Clinic, Infertility Clinic, Well Baby Clinic, Nutrition Clinic, Pain clinic, Glaucoma Clinic, Retina clinic, Vascular Clinic, Breast Clinic, Diabetes Clinic, Voice Clinic, Headache Clinic and Arthritis Clinic

Diagnostic Services:

1. Diagnostic Imaging: Computed Tomography Scan, DSA, Mammography, Magnetic Resonance Imaging, Ultrasonography, X Rays
2. Laboratory services: Clinical Biochemistry, Clinical Microbiology and Serology, Clinical Pathology, Cytopathology, Hematology, Histopathology
3. Other Diagnostic Services: 2 D Echo, Audiometry, EEG, EMG, Holter Monitoring, Spirometry, Treadmill test

Clinical Support Services:

Ambulance Services, Blood Bank, Psychology, Occupational Therapy, Physiotherapy, Speech and Language Therapy

Other Non-clinical Departments:

a) Biomedical Engineering

b) Central Sterile Supply Department

c) General Administration

d) Human Resources

e) Information Technology

f) Maintenance/ Facility Management

g) Management of Biomedical waste

h) Mortuary Services

i) Medical Records Department

j) Pharmacy

k) Material management

Advanced Care facilities

a. Cardiac Cath. Laboratories- 2

b. 16 bedded Neonatal ICU

c. Organ Transplant Unit

d. Pharmacovigilance: 1 unit

e. Ambulance services: mobile ICU units

f. ECMO

20,000 major & minor surgeries performed every year. Central Sterile Service Departments function on quality standards. Medical, Surgical,Paediatric, Neonatal, Respiratory & Coronary care ICUs with multi-para monitors, ventilators, defibrillators, central oxygen, suction and facility for dialysis inside ICU. ART and ICTC centre. Pharmacy 24/7. Department of Respiratory Medicine has Specialized services through the DOTS centre.

Staff:

All departmentshave adequate staff, facilities and infrastructure.

Health camps by various departments forbetterment of community health.

Departments of Anatomy, Biochemistry, Physiology, Pharmacology, Pathology, Microbiology, Forensic medicine, ENT, Community medicine, Ophthalmology, General medicine, General Surgery, OBG, Paediatrics, Anaesthesiology, Radiology, Orthopaedics, Dermatology, Respiratory Medicine, Psychiatry:Equipment's available as specified under MCI

24x7 ambulance services.

2CTmachines (32 slice & 128 slice), 2 MRI machines (1.5 Tesla,), 7 USG, doppler machines and 6 X-ray units.

2 Cath labs.

Haemodialysis unit: 30 units available with separate units for positive cases.

Blood bank: fully equipped with component therapy available.

Master health check-up: services available

Clinical teaching learning facilities:

- MEU conducts FDPs. Pharmacovigilance centre and Speciality OPDs available.
- Cabins for faculty, post graduate students.Every Ward has Clinical demonstration room.

Laboratories in teaching hospitals:

- NABL accredited labs for biochemical, haematological, cytological, microbiological and molecular investigations equipped with cell counters, autoanalyzer's, Elisa reader.
- Clinical physiology lab

- Clinical Skill, CAL and Simulation Labs.
- Blood bank.
- Central research laboratory.

File Description	Document
Link for the list of facilities available for patient care, teaching-learning and research	[View Document](#)
Link for any other relevant information	[View Document](#)
Link for the facilities as per the stipulations of the respective Regulatory Bodies with Geotagging	[View Document](#)

4.2.2

Average number of patients per year treated as outpatients and inpatients in the teaching hospital for the last five years

Response: 444039.6

4.2.2.1 Number of patients treated as outpatients in the teaching hospital year-wise during the last five years.

2021-22	2020-21	2019-20	2018-19	2017-18
396354	293190	397617	465887	491784

4.2.2.2 Number of patients treated as inpatients in the teaching hospital year-wise during the last five years.

2021-22	2020-21	2019-20	2018-19	2017-18
35719	27117	34915	37441	40174

File Description	Document
Year-wise outpatient and inpatient statistics for the last 5 years	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Extract of patient details duly attested by the Head of the institution	[View Document](#)
Details of the teaching hospitals (attached hospital or shared hospitals after due approval by the Regulatory Council / University) where the students receive their clinical training.	[View Document](#)

4.2.3

Average number of students per year exposed to learning resource such as Laboratories, Animal House & Herbal Garden during the last five years.

Response: 620.8

4.2.3.1 Number of UG students exposed to learning resource such as Laboratories, Animal House & Herbal Garden year-wise during the last five years.

2021-22	2020-21	2019-20	2018-19	2017-18
600	611	612	610	596

4.2.3.2 Number of PG students exposed to learning resource such as Laboratories, Animal House & Herbal Garden year-wise during the last five years.

2021-22	2020-21	2019-20	2018-19	2017-18
40	35	0	0	0

File Description	Document
Number of UG, PG students exposed to Laboratories, Animal House & Herbal Garden (in house OR hired) per yearbased on time-table and attendance	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Details of the Laboratories, Animal House & Herbal Garden	[View Document](#)
Detailed report of activities and list of students benefitted due to exposure to learning resource	[View Document](#)

4.2.4

Availability of infrastructure for community based learning

Institution has:

1. **Attached Satellite Primary Health Center/s**
2. **Attached Rural Health Center/s other than College teaching hospital available for training of students**
3. **Residential facility for students / trainees at the above peripheral health centers / hospitals**
4. **Mobile clinical service facilities to reach remote rural locations**

Response: B. Any three of the above

File Description	Document
Institutional prescribed format	[View Document](#)
Government Order on allotment/assignment of PHC to the institution	[View Document](#)
Geotagged photos of health centres	[View Document](#)
Documents of resident facility	[View Document](#)
Details of Rural and Urban Health Centers involved in Teaching Learning activities and student participation in such activities	[View Document](#)
Description of community-based Teaching Learning activities	[View Document](#)
Any additional information	[View Document](#)
Link for additional information	[View Document](#)

4.3 Library as a Learning Resource

4.3.1

Library is automated using Integrated Library Management System (ILMS)

Response:

The library is earmarked with a total area of 2969 sq.m. The library has seating capacity of about 400 which is very well ventilated and illuminated. Continuous upgradation is done catering to the needs of all specialties of UG and PG. Books, journals/ e journals and internet for access are available. The recent editions of textbooks on each subject are added on regular basis. Multiple copies are available to facilitate the students to borrow them for home reading.

Students and faculties are given a unique user ID and Password to access the E-Learning resources at the Central Library. The library has access to E-Consortium provided by the TamilnaduDr.M.G.R. Medical University. A range of study spaces available from a noisy open group study at one end to the single silent open and close study space at the other end. Computer workstations to provide online and Internet services to the faculty, research scholars and students.

The library aligns with the vision and mission of college. In accordance with the emerging technology in library sciences, our library has brought in revolutionary changes in functioning of library through appropriate automation. It has helped user experience.

The library is automated using the Integrated Library Management System (ILMS)

Autolib: ILMS library automation software acquired by the Library in 2013

Name of ILMS software	Natureof automation (fully or partially)	Version	Year of automation
Autolib	Fully automated	Multilingual mode	2013

Salient features of Autolib:

A popular and advanced integrated Library automation management software, designed and developed by a team of Library & Information Science specialists, database designers, software developers and network specialists. AutoLib software is fully integrated, versatile, user-friendly, cost-effective and multi-user Library automation software. It is WEB enabled for Intranet and Internet environments, incorporating latest IT/WEB tools and techniques and adheres to many international standards.

Some other features of Autolib are:

- Easy data entry and handles lakhs of records more efficiently
- Efficient circulation management system
- Book ordering and serial control
- Sorting/printing large number of reports/ statistics
- Powerful search (Boolean Query Builder) facility
- Online diary facilities
- Allows networking of libraries for sharing resources and exchange of data

- Tracking user's movement in the library
- Interface to barcode scanners/printers/data capturing unit/smart card/bio-metrics
- Online stock verification support
- Database security/backup and recovery

It's quintessential features, has brought commendable changes in the way library functions. It helps in a hassle-free procuring a book or a journal with all the details at the click of button.

This automation saves precious time of users and also enhances the efficiency of all library functions.

File Description	Document
Link for geotagged photographs of library facilities	[View Document](#)
Link for any other relevant information	[View Document](#)

4.3.2

Total number of textbooks, reference volumes, journals, collection of rare books, manuscripts, Digitalized traditional manuscripts, Discipline-specific learning resources from ancient Indian languages, special reports or any other knowledge resource for library enrichment

Response:

The collections of institute library include Books, Rare Books, Journals, E-Journals, Ancient Books and Reports. Library has reference section, enriched with titles from various subjects of Medicine.

Library is having collection of non-book materials i.e.CD's etc. New book arrivals are intimated to students by displaying it on the library notice board. Old books are stored in separate place in the repository.

Decisions relating to purchase of books, periodicals, journals and other library holdings are taken at the Library Advisory Committee meetings. The committee monitors purchase of books and subscription of new journals, taking into consideration the recommendations from HOD's. It follows all the rules and regulations framed by TNMGRMU, MCI and Govt. of Tamil N?du regarding purchase of books,

appointment of library staff and lending of books.

Total number of books and reference volumes are 12661 and 953 respectively. There are 110 (70 National, 40 International) journals, 191 collection of rare books and 46 special reports on various regulatory agencies.

Details on Books added from 2016-2021:

Books Added year wise	2016-17	2017-18	2018-19	2019-20	2020-21	From inception to2014	Total no. of Books in Library
Textbooks	655	2734	439	410	19	8170	12661
Reference Volume	60	118	-	-	-	775	953
Ancient books	36	183	78	46	-	2384	2727

Details on Library holdings:

Library Holdings	Total Number
Textbooks	12661
Reference Volumes	1129
Journals	110
Collection of rare books	187
Special reports of agencies like WHO, UNICEF, Govt of India	46
Question Bank	Available
CD	814

Textbooks: Recent editions of textbooks on each subject have been added each year. Multiple copies are available to facilitate the students to borrow them for reading.

Reference Volumes 953 copies of reference volumes have been added during the last five years.

Journals: A total of 110 journals are available in the library that are updated from time to time.

Question Bank: Question bank of theory papers is available for undergraduates, postgraduates' students. Validated multiple choice question bank is also available. Library also maintains NEET-PG Question bank benefitting the Students and Alumni.

Rare Books: 187 rare books are available, classified based on the early printing date, historical importance, limited availability or special character or binding of that edition.

Special Reports: Special reports of agencies like WHO, UNICEF, Govt.of India are available for reference.

Audio-visual rooms: library has AV room with LCD monitor that can be used as a teaching learning tool for academic pursuits of faculties and students.

Library has 40 computer systems with adequate internet facility for usage by students and staff. The

students are helped with preparation of power points, e-posters and seminars through the above facility. There is a separate room for viewing CDs and other e-learning material.

The library has a separate section for accessing online medical literature which is widely used by students. A printer and Xerox machine are in place in library to cater to students who would prefer to have hard copy of the e-content or Xerox of reference books for their personal usage.

File Description	Document
Link for data on acquisition of books / journals /Manuscripts / ancient books etc., in the library.	[View Document](#)
Link for geotagged photographs of library ambiance	[View Document](#)
Link for any other relevant information	[View Document](#)

4.3.3

Does the Institution have an e-Library with membership / registration for the following:

1. e – journals / e-books consortia

2. E-Shodh Sindhu

3. Shodhganga

4. SWAYAM

5. Discipline-specific Databases

Response: B. Any four of the above

File Description	Document
Institutional data in prescribed sormat	[View Document](#)
E-copy of subscription letter/member ship letter or related document with the mention of year	[View Document](#)
Any additional information	[View Document](#)
Link for additional information	[View Document](#)

4.3.4

Average annual expenditure for the purchase of books and journals including e-journals during the last five years

Response: 66.6

4.3.4.1 Annual expenditure for the purchase of books and journals including e-journals year-wise during last five years (INR in Lakhs)

2021-22	2020-21	2019-20	2018-19	2017-18
40.28	43.51	90.26	57.35	101.6

File Description	Document
Provide consolidated extract of expenditure for purchase of books and journals during the last five years duly attested by Chartered Accountant and Head of the institution	[View Document](#)
Proceedings of library Committee meeting for allocation of fund and utilization of fund for purchase of books and journals	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Audit statement highlighting the expenditure for purchase of books and journal library resources	[View Document](#)
Any additional information	[View Document](#)
Links for additional information	[View Document](#)

4.3.5

In-person and remote access usage of library and the learner sessions/library usage programmes organized for the teachers and students

Response:

Library usage:

Students use the library facilities during the break time that is given during the academic sessions in the collegewhich starts from 8 AM and ends by 4 PM. They utilise this time for a quick revision or reference to clarify the doubts that arises during the academic sessions. The students will use the library after 4.00 PM for detailed and in-depth reading of their topic of interest. The student who use the library facilities enter their name in student register and acknowledge while the complete their reading and leave the library. Each student is given a unique user identity (ID) and a password to access the E-Learning resources available at the Central Library. The teachers/faculties are provided with the user ID and password which enables them to access E-Consortium provided by the Esteemed University, The Tamil Nadu Dr.MGR Medical University, Chennai, Tamil Nadu.

Library orientation programs:

Library committee organizes workshops, training programfor students regarding to get a hands-on experience on various e-resources that are available in the library. An Induction program is conducted by The Senior Librarian at the beginning of the academic year to the post-graduate trainees and undergraduate students. The undergraduate students are provided with small teaching sessions of 30–45-minute duration by Senior Librarian. These sessions will cover the essential aspects such as

- Orientation of new students to the new learning environment
- Library tour by students to get to know the various sections and books available
- Writing book review, this will enhance the understanding about the book and its contribution to the field.
- In-class assignment to assess the students with regards to locating the sources of information, books and journals.
- Computer appreciation lessons (basic skills - internet browsing, online tutorials, literature search using PubMed, Google Scholar, SCOPUS and EMBASE)
- Problem-solving exercises to strengthen the understanding and to preparedness for tackling the problems

Faculty are trained about the importance of maintaining a ORCIDIDand research gate profile in person. The faculty are encouraged to update their publications on a timely basis in their CV and to keep track of these updates in their research gate profile. The faculty are encouraged to write and contribute as author for books in medical sciences. This will inculcate interest in the students and enhance their library usage.

This is mainly to enhance the research experience and to foster collaboration with the researchers around the globe. The remote access to the library is monitored with help of Autolib. The E-journal usage of the library is monitored by usage report obtained from the service provider. The book issue return counter is available in the library. There is a dedicated separate entry register for staff and students is kept in the library to calculate per day usage. The teachers and students issue books from the library and its record is maintained in the library book issue return register which is additionally monitored by Autolib software.

File Description	Document
Link for details of library usage by teachers and students	[View Document](#)
Link for any other relevant information	[View Document](#)
Link for details of learner sessions / Library user programmes organized	[View Document](#)

4.3.6

E-content resources used by teachers:

1. NMEICT / NPTEL

2. other MOOCs platforms

3.SWAYAM

4. Institutional LMS

5. e-PG-Pathshala

Response: Any Two of the above

File Description	Document
Institutional data in prescribed format	[View Document](#)
Any additional information	[View Document](#)
Links to additional information	[View Document](#)
Give links e_content repository used by the teachers	[View Document](#)

4.4 IT Infrastructure

4.4.1

Percentage of classrooms, seminar halls and demonstration rooms linked with internet /Wi-Fi-enabled ICT facilities (data for the preceding academic year)

Response: 100

4.4.1.1 Number of classrooms, seminar halls and demonstration rooms linked with internet /Wi-Fi enabled ICT facilities

Response: 64

4.4.1.2 Total number of classrooms, seminar halls and demonstration room in the institution

Response: 64

File Description	Document
Institutional data in prescribed format	[View Document](#)
Geo-tagged photos	[View Document](#)
Consolidated list duly certified by the Head of the institution.	[View Document](#)
Links to additional information	[View Document](#)

4.4.2

Institution frequently updates its IT facilities and computer availability for students including Wi-Fi

Response:

Information Technology Department, was established in 2013. They coordinate data processing and reporting, supports information flow, and manages the Hospital Information System. Maintains confidentiality and assists other departments with planning and implementing new information systems. 386 systems and 7 laptops with Windows 7 and above platform, Corei3, 2/4GB RAM, 1TB/500GB HDD. Lecture halls have high-speed internet connectivity and AV equipment, computers, and projectors for all departments. Faculty usesPower Point Presentations and pointers during lectures.

Kranium Healthcare, an electronic patient management software developed by M/s Kranium technology, is installed in November 2014 after due customisation to capture patient related data in pre-defined formats (menu screens) in real-time environment of following:

• Out Patient visit processing

• Admissions, Discharge & Transfers (ADT)

• Medical records management

• Room/Bed management

• Patient billing activities for investigations, medicines and other services

• Generation of investigation results for Laboratory and Radiology tests

• Nursing station management

• Surgery details recording

• Store management

• Pharmacy management

• Generation of daily census reports

• **Other statistical / management reports**

ITD analyse, manage, and utilize information that is essential to deliver patient care and ensure 24x7 access to providers. The services provided can be broadly classified as:

• Software management

• Hardware management

• Network administration

• User management – Domain, HIS and File Server

• Data Backup, recovery procedures.

IT Facilities:

VMCH & RI continuously strives to provide the latest facilities available in the IT and thecomputers to keep the students updated and are ready for the challenges in the field. The Institution hascomprehensive IT policy to provide IT resources to students and faculty.

Computer Facilities:

Institute has 386 computers & 162 printers across departments, and 39 Linux systems in library Internet Centre. Campus computers interconnected using high-speed LAN cables with manageable switches for 99% network uptime. Fortigate FG200F firewall blocks and identifies botnets in local networks. College provides computer systems to every department for students and staff.

Wi-Fi or Internet Facilities:

Institution updates bandwidth to 140 Mbps 1:1 Pulse ILL via high-speed Fiber Optic Cable (OFC) for inter-building connectivity. Internet access provided via AIRTEL and OMKARA ISP. Disaster management backups daily and monthly via tape drives. Servers located in IT Department Server Room and connected to LAN within the campus.

Up gradation:

Over the last five years, institute has upgraded following:

1. The number of computers has increased from 200 to 386 including Servers, Desktops, Laptops.
2. UpgradationofWindows10ProfessionalBase&Upgradelicensesin2021
3. Windows Server Standard Core 2012.
4. Up-gradation of Internet Lease Line (IIL) OMKARA & AIRTEL from 40 to 140 Mbps in 2022-2023
5. Up-gradation of Firewall Fortigate FG80G from FortiGate FG200F in 2019.
6. To strengthening the LAN – upgraded the Core switch from AVAYA to CISCO 10Gig switches.

Maintenance:

IT department regularly updates recovery measures, minimizing work disruptions. Antivirus is genuine and up-to-date. Biomedical wing manages equipment with SOPs for inventory, coding, maintenance, calibration, minimizing downtime.

File Description	Document
Link for documents related to updation of IT and Wi-Fi facilities	[View Document](#)
Link for any other relevant information	[View Document](#)

4.4.3

Available bandwidth of internet connection in the Institution (Lease line)

Response: 50 MBPS-250 MBPS

File Description	Document
Institutional data in prescribed format	[View Document](#)
Details of available bandwidth of internet connection in the Institution	[View Document](#)
Bills for any one month of the last completed academic year indicating internet connection plan, speed and bandwidth	[View Document](#)

4.5 Maintenance of Campus Infrastructure

4.5.1

Average Expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component, as a percentage during the last five years

Response: 3.22

4.5.1.1 Expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component year-wise during the last five years (INR in lakhs)

2021-22	2020-21	2019-20	2018-19	2017-18
319.79	293.64	353.15	332.38	289.67

File Description	Document
Provide extract of expenditure incurred on maintenance o f physical facilities and academic support facilities duly certified by Chartered Accountant and the Head of the institution	View Document
Institutional data in prescribed format	View Document
Any additional information	View Document
Link for any additional information	View Document

4.5.2

There are established systems and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports facilities, computers, classrooms etc.

Response:

VMCH&RI has established fool proof system of maintenance of physical & academic support facilities. Infrastructure is properly maintained by applying Standard Operating Procedures. Academic assets such as classrooms, Laboratories and all clinical facilities are utilized optimally. Our campus is disabled friendly. It has adequate lifts, ramps, reserved car parking and wheel chairs.

Maintenance of Physical Infrastructure:

The Maintenance Committee, headed by the Head of Institution   monitors maintenance and utilization of all facilities -laboratory, library, sports facilities, computers, classrooms & other facilities.

It has cardinal responsibility of planning, purchasing, condemning and administering use of physical resources. It carries periodic checks to ensure proper upkeep of the infrastructure.

Fulltime Project Engineer is designated to oversee maintenance of buildings, classrooms and laboratories. He is accompanied by team of Carpenters, Electricians, plumbers, and Gardeners to do the maintenance of the campus.

Civil and Engineering Maintenance Departmentswhich is headed by a qualified senior engineer who is responsible for maintenance of all buildings, roads water supply and new construction. It undertakes regular maintenance of civil works such as furniture repairs, masonry and plaster works, painting, carpentry, plumbing maintenance of rest rooms, approach roads and ensure cleanliness of the entire premises.

Engineers and Technicians Maintainelectrical supply, all electric appliances and gadgets, distribution of lines, cables, panels, transformers and diesel generators.Solar plant facility (10 MW) is installed in campus

Laboratory and Equipment Maintenance is done by **Biomedical Engineers.** Equipment's are covered

under AMCs for ensuring optimum working condition. Maintenance of High-end and sophisticated equipments   is done through AMCs entered with the authorized agencies/manufacturers only. Labels are pasted on equipments, detailing date of service & due date of next service.

Every departments maintain stock register & log book for proper record keeping. verification of stock is done at the end of every year. HODs periodically report to the Head of Institution on requirements of repairs and maintenance. Laboratory technicians maintain laboratory records ably supervised by HODs. **Building, equipments are insured for fire and burglary damage.**

Housekeeping and Sanitary Departmentstake part in cleaning of the hospital, office building, Classrooms, Staffrooms, Seminar halls, Laboratories, hostels, wash rooms, roads and pavements. Wash rooms and rest rooms are properly maintained. Dustbins are kept at various places in campus. Campus Green Cover is well maintained.

Computers- College IT Department monitors technical issues related to computers. It ensures regular updation of IT facilities. SOPs are in place for maintenance of IT infrastructure. Round the clock security is provided and monitored through surveillance Cameras.

Library- College has a library with a total area of 2969 sq.m and seating capacity of 400. It's having adequate number of books, Journals and reference books. It organizes workshops, training programs for students regarding use of various available e-resources of Library. Every department has a departmental Library. Library committee resolves schedule of issue/return of books etc.

  Sports: Committee along with engineer arranges maintenance of Badminton court/TT boards /Gym/Basket Ball/Carom boards etc in campus. Maintenance committee meets to discuss and suggest measures to improve overall maintenance.

File Description	Document
Link for any other relevant information	View Document
Link for log book or other records regarding maintenance works	View Document
Link for minutes of the meetings of the Maintenance Committee	View Document

Criterion 5 - Student Support and Progression

5.1 Student Support

5.1.1

Average percentage of students benefited by scholarships /freeships / fee-waivers by Government / Non-Governmental agencies / Institution during the last five years

Response: 34.24

5.1.1.1 Number of students benefited by scholarships and free ships provided by the institution, Government and non-government bodies, industries, individuals, philanthropists during the last five years (other than students receiving scholarships under the government schemes for reserved categories)

2021-22	2020-21	2019-20	2018-19	2017-18
210	217	216	200	229

File Description	Document
List of students who received scholarships/ freeships /fee-waivers	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Consolidated document in favour of free-ships and number of beneficiaries duly attested by the Head of the institution	[View Document](#)
Attested copies of the sanction letters from the sanctioning authorities	[View Document](#)
Any additional information	[View Document](#)

5.1.2

Capability enhancement and development schemes employed by the Institution for students:

1. Soft skill development

2. Language and communication skill development

3. Yoga and wellness

4. Analytical skill development

5. Human value development

6. Personality and professional development

7. Employability skill development

Response: A. All of the above

File Description	Document
Institutional data in prescribed format	[View Document](#)
Detailed report of the Capacity enhancement programs and other skill development schemes	[View Document](#)
Any additional information	[View Document](#)
Link to Institutional website	[View Document](#)

5.1.3

Average percentage of students provided training and guidance for competitive examinations and career counseling offered by the Institution during the last five years

Response: 55.26

5.1.3.1 Number of students benefitted by guidance for competitive examinations and career counseling offered by the Institution in a year

2021-22	2020-21	2019-20	2018-19	2017-18
467	300	290	343	340

File Description	Document
Year-wise list of students attending each of these schemes signed by competent authority	[View Document](#)
Institutional data in prescribed format	[View Document](#)
• Copy of circular/ brochure/report of the event/ activity report Annual report of Pre-Examination Coaching centers	[View Document](#)
Any additional information	[View Document](#)
Link for institutional website. Web link to particular program or scheme mentioned in the metric	[View Document](#)

5.1.4

The Institution has an active international student cell to facilitate study in India program etc..,

Response:

International Student Cell has been established with the following Goal and Objectives

1. To encourage students from others countries to join the institute.
2. To offer utmost care to international students during their stay, from the time of their admission to completion of their study.
3. To promote cordial student-student and student-teacher relationship.
4. The committee would work to ensure support and integrate international students in various events of the institution.

Composition

Director: - Dr. PK. Mohanty

Chief coordinator: - Dr. Rajkishore Mohato

Academic Assistant: Mr. Thirukumaran

Standard Operating Procedure

The Committee shall,

1. Facilitate student admission in a smooth way
2. Shall sensitize the newly enrolled international students on the existence, functioning and role of the cell. It informs the procedure of redressal in case of grievance if any.
3. Conduct a meeting every year to cater to their grievances.
4. Integrate International Students into the college premises and activities without any obstacles.
5. Address the grievance of international students with respect to Academics, Accommodation, and Admission, Evaluation or any other issues during their stay.
6. To provide the students with information about the local customs, language and civic facilities.

Procedure

1. Drop boxes are installed at various places in the campus and hospital to facilitate the students report complaints, grievances as well as their suggestions.
2. International students are provided with contact numbers of the committee members to facilitate 24/7 assistance in case of emergency and also encouraged to directly contact the Member Secretary in case of grievance.
3. In case of any grievance the issue will be resolved under the guidance of Director and Chief coordinator and if necessary, relevant committees would also be involved.

Guidelines for admission of foreign/international students

1. Should be an international student (Foreign Students/Non-Residents Indians (NRI))
2. For foreign students, a student visa is mandatory (for NRI, not a mandatory option)
3. Students have to obtain prior security clearance from the Ministry of Home Affairs and the approval of Department of Higher Education, Ministry of Human Resource Development, Government of India and this must be on the student visa/research visa endorsed to this institution.

It has helped international students to embrace to language, food and culture of our country and also our state. It also facilitates celebration of important events of their native countries and their Participation in Indian festivals.

File Description	Document
Any additional information	[View Document](#)
Link for Any other relevant information	[View Document](#)
Link for international student cell	[View Document](#)

5.1.5

The institution has a transparent mechanism for timely redressal of student grievances / prevention of sexual harassment and prevention of ragging

1. **Adoption of guidelines of Regulatory bodies**
2. **Presence of the committee and mechanism of receiving student grievances (online/ offline)**
3. **Periodic meetings of the committee with minutes**
4. **Record of action taken**

Response: All of the above

File Description	Document
Minutes of the meetings of student Grievance Redressal Committee and Anti-Ragging Committee/Cell	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Circular/web-link/ committee report justifying the objective of the metric	[View Document](#)
Any additional information	[View Document](#)
Link for Additional Information	[View Document](#)

5.2 Student Progression

5.2.1

Average percentage of students qualifying in state/ national/ international level examinations during the last five years (eg:GATE/AICTE/GMAT/GPAT/CAT/NEET/GRE/TOEFL/PLAB/USMLE/AYUSH/Civil Services/Defence/UPSC/State government examinations/ AIIMSPGET, JIPMER Entrance Test, PGIMER Entrance Test etc.,)

Response: 80

5.2.1.1 Number of students qualifying in state/ national/ international level examinations (eg: GATE/AICTE/GMAT/ **GPAT**/CAT/NEET/ GRE/TOEFL/ PLAB/USMLE/AYUSH/Civil Services/Defence/ UPSC/State government examinations*/* AIIMSPGET, JIPMER Entrance Test, PGIMER Entrance Test etc.,) year-wise during the last five years ..

2021-22	2020-21	2019-20	2018-19	2017-18
9	32	18	2	0

5.2.1.2 Number of students appearing in state/ national/ international level examinations (eg:GATE/AICTE/GMAT/CAT/NEET/GRE/ TOEFL/ PLAB/ USMLE/AYUSH/Civil Services/Defence/UPSC/ State government examinations */* AIIMSPGET, JIPMER Entrance Test, PGIMER Entrance Test etc.,) **during the last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
9	32	18	2	0

File Description	Document
Scanned copy of pass Certificates of the examination	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Any additional information	[View Document](#)
Link for Additional Information	[View Document](#)

5.2.2

Average percentage of placement / self-employment in professional services of outgoing students during the last five years

Response: 0.13

5.2.2.1 Number of outgoing students who got placed / self-employed year- wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
0	1	0	0	0

File Description	Document
Institutional data in prescribed format	[View Document](#)
In case of self-employed professional services registration with MCI and documents for registered clinical Practitioner should be provided	[View Document](#)
Any additional information	[View Document](#)
Annual reports of Placement Cell	[View Document](#)
Link for Additional Information	[View Document](#)

5.2.3

Percentage of the batch of graduated students of the preceding year, who have progressed to higher education

Response: 44.74

5.2.3.1 Number of last batch of graduated students who have progressed to higher education

Response: 68

File Description	Document
Supporting data for students/alumni as per data template	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Any proof of admission to higher education	[View Document](#)
Link for Additional Information	[View Document](#)

5.3 Student Participation and Activities

5.3.1

Number of awards/medals for outstanding performance in sports/cultural activities at

State/Regional (zonal)/ National / International levels (award for a team event should be counted as one) during the last five years.

Response: 35

5.3.1.1 Number of awards/medals for outstanding performance in sports/cultural activities at State/Regional (zonal)/National / International levels (award for a team event should be counted as one) year-wise during the last five years .

2021-22	2020-21	2019-20	2018-19	2017-18
5	0	15	11	4

File Description	Document
Institutional data in prescribed format	[View Document](#)
Any additional information	[View Document](#)
Link for Additional Information	[View Document](#)
Duly certified e-copies of award letters and certificates	[View Document](#)

5.3.2

Presence of a Student Council, its activities related to student welfare and student representation in academic & administrative bodies/ committees of the Institution

Response:

VMCH&RI ensures proactive engagement of students in academic, administrative and other bodies with impeccable clarity. Accordingly, Student Council is formed as per guidelines of affiliating university so as to inculcate leadership qualities and overall development of students. It helps College in fulfilling its goals by playing vital role in various institutional activities.

Student Council is constituted with Chairman, Secretary, student members of different committees and class Representatives (Male & Female) etc. Designated Faculty supervise it's activities.

Student council main Objectives are to:

- Participate actively in institutional activities.
- Act as connecting link for communication amongst students, parents and institution staff to realize common goals.
- Officially represent all students in deliberations with management to resolve their problems if any.
- Act as catalyst in educational and personal development of students. To promote friendship and

harmony among students.
- Participate as member on behalf of students in all pertinent institute committees.
- Coordinate Sports, Cultural activities, celebration of days of importance and other extension activities
- Take lead in arranging / Medical Check-ups/ camps with active involvement of students.
- Elicit active cooperation of Alumni Association for development of institute.
- Participate in all other relevant activities.

Students council play pivotal role in academic, co-curricular and extra-curricular activities which are conducted by various committees. It holds meetings bimonthly to deliberate on various issues of students, and preparations of various intra and intercollegiate events and arrive at plausible solutions

The council is entrusted with the prime responsibility of organizing college functions like College Day, Graduation Day, welcome to incoming students every year, farewell to outgoing students, alumni meet, Commemorative days celebrations and Annual Social Gathering.

The various committees of College have adequate representation from students.

Hostel committee:

Is established to take care of hostel inmates with student's council members as representatives on board. It ensures proper administration of hostel affairs, mess and cleanliness. Committee conducts meetings regularly not only for redress of grievances if any but also to achieve highest quality.

Cultural committee:

College cultural committee has Student Council representatives. It organizes cultural events in college. It provides full support to students to take part in intercollegiate cultural events of other institutions also.

Sports committee:

It coordinates inter and Intra College sports activities. Physical education director with active support of Student sports secretary conducts sports events. They also involve in procurement of sports equipment and proper maintenance of sports grounds. Student secretary helps students in their intra/inter sports activities.

Students are members of following committees:

- Career counseling and placement cell.
- Library advisory committee.
- Research and development
- Women Cell.
- Anti-ragging Committee.
- IQAC

Student Council enable collection of student feedback, abiding to code of discipline, preserving hygiene and green environment in campus. It also participates in Community welfare activities such as Swachh Bharat Abhiyan, Blood donation camps and Disaster response etc.

VMCH&RI is having trust worthy and well-established student council which runs on famous axiom "of students, "by students" and for students" for instilling values of self-motivation, self-confidence, social, community, and environmental responsibilities in students.

File Description	Document
Any additional information	[View Document](#)
Link for reports on the student council activities	[View Document](#)
Link for any other relevant information	[View Document](#)

5.3.3

Average number of sports and cultural activities/competitions organised by the Institution during the last five years

Response: 2.6

5.3.3.1 Number of sports and cultural activities/competitions organised by the Institution year-wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
06	0	01	05	01

File Description	Document
Report of the events with photographs or Copy of circular/ brochure indicating such kind of activities	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Any additional information	[View Document](#)

5.4 Alumni Engagement

5.4.1

The Alumni Association is registered and holds regular meetings to plan its involvement and developmental activates with the support of the college during the last five years.

Response:

The Velammal Medical College Alumni association(regd,) an integral component of VMCH&RI is formed. Alumni is having on its board distinguished members, majority of them holding important positions in health care institutions, medical colleges, government and non-government community health care organizations.

It helps immensely in academic, research and patient care initiatives of college. Alumni involve in continuous learning activities and advisory role for betterment of medical education & health care pushes.

Alumni associationconducts meetings on an ongoing basis. It strategically plansits participation in developmental activities with proper guidance from management. It organizes cultural programs, sports events, educational programs and felicitation of Alumni for their extra ordinary achievements. College considers Alumni as ambassadors in realization of its Vision and Mission components.Alumni association maintains the contacts and updated data base of Alumni. It keeps Alumni informed about its various activities duly keeping proper records.

It associates time and again in blood donation programs, Swatch Bharath, green revolution and public awareness/ educational programs of health care for rural population. It conducts personality development programs, talks enabling cracking of exams to study abroad and career counselling.

Association provides ampleopportunitiesto Alumni togive lectures on various academic subjects. It collects feedback fromAlumni for and incorporation of their viable suggestions in future activities. Feedback is assessed by Dean and Alumni association committee so as to implement remedial measures to fill the gaps in subject knowledge and otherwise.

The Alumni become members of association by paying the requisite fee, which would be utilized for conduct of various programs.Membershipis accorded with Voting RightstoanyGraduates, Postgraduates(Degree/Diploma),Post-DoctoralDegree holders and Diploma / Certificate students passed from VMCH&RI.

TheAlumni meet for the year 2022 was held on 26th May 2022 at the third-floor hospital auditorium.It has following executive committee members. Association has registered members.

Alumni association arranges lectures on career counseling, placement and such other issues. Itinteracts regularly withfaculty and administrative staff of college. It fosters cordial working relationship amongst students, staff and Alumni students and collects funds to conduct various activities / charity work. Alumni participate with great comradery and nostalgia in important programssuch as farewell function to outgoing batch UG students.Alumni provide helping hand to students by guiding them on competitive exams and career guidance through guest lectures and one to one interaction during Alumni meets. It plays a proactive role by delivering lectures on topics like analytical skills, soft skills etc, which is of great help to UG / PG students.

VMCH&RI Alumni association is like a beacon to students. ManagementFaculty and administrative staff actively support all activities ofAlumni association.Alumni members share their professional, academic, and social experiences with peers, faculty, and other stakeholders.

File Description	Document
Any additional information	[View Document](#)
Link for audited statement of accounts of the Alumni Association	[View Document](#)
Link for details of Alumni Association activities	[View Document](#)
Link for frequency of meetings of Alumni Association with minutes	[View Document](#)
Lin for quantum of financial contribution	[View Document](#)

5.4.2

Provide the areas of contribution by the Alumni Association / chapters during the last five years

    1. Financial / kind
    2. Donation of books /Journals/ volumes
    3. Students placement
    4. Student exchanges
    5. Institutional endowments

Response: C. Any three of the above

File Description	Document
Institutional data in prescribed format	[View Document](#)
Certified statement of the contributions by the head of the Institution	[View Document](#)
Any additional information	[View Document](#)
Annual audited statements of accounts. Extract of Audited statements of highlighting Alumni Association contribution duly certified by the Chartered Accountant and Head of the Institutions	[View Document](#)
Link for Additional Information	[View Document](#)

Criterion 6 - Governance, Leadership and Management

6.1 Institutional Vision and Leadership

6.1.1

The Institution has clearly stated vision and mission which are reflected in its academic and administrative governance.

Response:

Vision

"To build a healthy Society with dedicated, well qualified and experienced doctors and supporting staff by easily offering to people the world-class health care services at an affordable cost".

VMCH&RI has pledged to improve quality of life of people thereby restoring hope through compassionate healthcare service, excellent medical education, and research. Accordingly, it educates medical professionals in the art and science of medicine and nursing, which aids in promotion of a healthy society that inspires hope in community through continuous evaluation and research that leads to persistent development. It strives to improve its academic and health care services continuously with teamwork and collaboration of all stakeholders.

Mission

"By continuously assessing and improving the quality of health care, the nature of the service and total dedication of staff, let us ensure that all the patients easily receive the benefits of completely satisfying medical treatment & care"

Our mission is to provide quality healthcare services at affordable cost, maintain high standards of patient care by following the best practices in healthcare industry. VMCH&RI has proactive leadership and compassionate management with proper governance approach. Vision and mission components are achieved by adopting total quality management by single window delivery of health services and student-centric education and reflected in Academic governance.

It has provided infrastructure and ICT enabled teaching-learning facilities that are more the requirements as prescribed by Regulatory Bodies. IQAC monitors quality of education through various committees. Academic programs are corroborated with research, extension and extra-curricular activities.

Values

Our core values are:

Accountability: Accepting personal responsibility for our actions and focusing on finding solutions and delivering results. We keep our promises and commitments.

Agility: Responding rapidly to changes in internal and external environment without losing momentum or vision.

Courage: Acting decisively, leading boldly, imagining and pursuing new possibilities for our future.

Integrity: Conducting business with highest standards of professional behaviour and ethics. We are transparent, honest, ethical and fair in all of our interactions. People trust us.

Teamwork: Achieving common goals through open and honest communication. We show concern for one another and are supportive of each other's efforts.

Result Orientated: Consistently delivering required business results, meeting deadlines and complying with quality, productivity and performance standards.

Strategic Goals

- Discharge duties on time with regularity, punctuality and commitment.
- Attain 100% result without any compromise in all targets set.
- Betterment in whatever done earlier and do everything better than others.
- Divide and delegate work with others duly encouraging team work
- Do research, publish articles, participate in seminars and conferences and rise funds through agencies for collaborative activities
- Analyse advantages and disadvantages of department concerned & improve with guidance of management
- Treating both success and failures equally and as own responsibility
- Set time-bound targets to carry out all assignments
- Spend time with patients and care takers to gain trust.

College ensures holistic development of students and enable them acquire the necessary knowledge, skills and attributes so as to be responsive to the needs of community at large.

File Description	Document
Any additional information	[View Document](#)
Link for additional information	[View Document](#)
Link for Vision and Mission documents approved by the College bodies	[View Document](#)
Link for achievements which led to Institutional excellence	[View Document](#)

6.1.2

Effective leadership is reflected in various institutional practices such as decentralization and participative management.

Response:

At the apex level the institute is managed by The Chairman, CEOs and Director being the trustees. The Academic functions are managed by Dean ably assisted by Vice Principal cum Director Academics & Student Affairs and other department heads signifying decentralised and participative management practices. The Organogram of the institution is conducive for proper coordination in administrative and academic functions

In ensuring the organization's management system development, implementation and continuous improvement, the institution is broadly managed at administrative, academic and Hospital levels. The leadership is actively involved in ensuring continuous improvement in the organization's management system development and implementation. The leadership takes all efforts to realize the goal of achieving the vision and mission of the Institution.

The Chairman, along with the Board of Management, Academic Council and Finance Committee are responsible for developing, implementing and improving participatory and decentralized management systems. The leadership aims to achieve high academic standards, high quality research and community interaction to achieve excellence in knowledge generation, human resource and societal development. VMCH&RI has conceded adequate powers and autonomy to Heads of Departments.

Various committees are formed, wherein every committee is headed by a senior faculty and consisting of other Faculty and student representatives. These committees conduct regular meetings and administer day to day activities of the institution.

The head (Dean) of the institution formulates and executes the rules and regulations for the faculty, staff and students. He is ably assisted by Vice Principal and Heads of Departments.

- The management takes a pro-active role in academic, logistic and financial planning for the entire year, and ensuring timely implementation of the same
- Administrative and Financial audits are regularly conducted.
- The Internal Quality Assurance Cell receives inputs from Students, Faculty, Staff, Employers and the parents which are analysed. Appropriate actions are initiated regarding policy changes, management strategies, administrative processes, infrastructure and other aspects.

The College promotes participative management by involving the staff and students in various activities. Students and faculty are empowered to give feedback and suggestions to enable institution to arrive at decisions based on facts, information and objectives. Students also participate in various academic programmes such as conferences, seminars, workshops and extracurricular activities.

Faculty members are provided with adequate representations in various committees/cells. It provides a platform to hone their leadership skills. These Committees are provided with adequate operational autonomy. Alumni and parents are also involved in the activities of committees.

Every department head is provided with the required discretionary powers to sanction allocated amount for expenditure and purchases so as to enable unimpeded functioning of the institution at all levels.

Administrative staff and other ministerial staff assist the Dean and Vice principal in daily operations of the institution. Maintenance support staff comprising of Engineer, Hostel Wardens, Electricians, Mechanics, Audio visual technician, Security guards, housekeeping staff and Gardeners meticulously perform their assigned duties conscientiously. Institution could achieve planned targets and outcomes by

the cumulative contribution of decentralized and active participatory management.

File Description	Document
Any additional information	[View Document](#)
Link for additional information	[View Document](#)
Link for relevant information / documents	[View Document](#)

6.2 Strategy Development and Deployment

6.2.1

The Institutional has well defined organisational structure, Statutory Bodies/committees of the College with relevant rules, norms and guidelines along with Strategic Plan effectively deployed

Response:

VMCH&RI has an established organogram with well-defined duties & responsibilities. Various committees of the college function independently and accomplish assigned duties.

At the apex level, it has a Governing Council (GC) headed by the Chairman to formulate policies, administer, and run the institution on sound footing. GC formulates a comprehensive development plan in sync with vision and Mission of the college. It nurtures excellence in curricular, co-curricular, and extra-curricular activities.

Internal Quality Assurance Cell' headed by Dean is established under the Chairman's guidance by eliciting all stakeholders' opinions. Dean controls the administrative and academic affairs of the college ably assisted by Vice Principal. He guides all HODs in taking important academic decisions. He is instrumental in forwarding departmental requirements to Governing council for approval.

It involves the stakeholders of the College in preparing Strategic Perspective Plan (SPP) and Budget. Thereafter approval is sought by the Governing Council. All proposals are scrutinized for their efficacy, necessity, feasibility, and cost-effectiveness. IQAC has formed Committees duly involving all heads of departments, staff, and students. Committees conduct meetings on predetermined agendas and submit their recommendations to Governing council with suitable action plans for implementation. Every committee will have a senior faculty as head. It has students and women on board. Committees play a pivotal role in implementing institutional policies. Committees, other governing bodies, and operations of the college rely on established SOPs for better clarification and uniformity.

Heads of Departments ensure academic planning and execution and monitor with active assistance of teaching and supporting staff.

The Chairman of IQAC, takes all the necessary steps to implement SPP in totality. Heads of the

Departments arrange all academic as well as non-academic activities, as per the departmental level plan. IQAC, academic, and administrative committees monitor the implementation of strategic plans periodically. Various committees implement Co-curricular, extracurricular, and Outreach Programs as per extant guidelines. IQAC secures committees function as per affiliating university and NMC norms and guidelines. External members provide their expertise by actively participating in meetings of institutional committees and statutory bodies duly recorded in the minutes. Following is the list of some important committees.

- Curricular, co-curricular activities, and timetable committees.
- Annual calendar of events (celebration of regional, national, and international days), annual reports, and magazine.
- Internal assessment – result analysis, slow and advanced learners, mentor-mentee, and parent meeting
- Student and staff grievance redressal.
- Institutional ethics committee and research development.
- MoUs, linkages, and collaboration
- Extension, NSS, NCC, and ISR activities
- Library advisory committee
- Infrastructure and ICT
- Student welfare and staff welfare
- Gender equity, women empowerment and minority cell, SC/ST cell
- Grievance redressel, internal complaint, and feedback
- Anti raging and sexual harassment elimination
- Sports and cultural committee
- Student council, international student cell, and alumni association
- Placement, career guidance
- Faculty development, CDE
- Finance committee
- Recruitment and institutional code of conduct
- Environment consciousness and best practices.

Special care is taken to raise the competencies of faculty in teaching learning strategies equivalent to that of global standards. These cumulative holistic initiatives come in handy in fulfilling the desired goals of college.

File Description	Document
Link for minutes of the College Council/ other relevant bodies for deployment/ deliverables of the strategic plan	View Document
Link for strategic Plan document(s)	View Document
Link for additional information	View Document
Link for organisational structure	View Document

6.2.2

Implementation of e-governance in areas of operation

1. **Academic Planning and Development**
2. **Administration**
3. **Finance and Accounts**
4. **Student Admission and Support**
5. **Examination**

Response: A. All of the above

File Description	Document
Screen shots of user interfaces of each module Annual e-governance report approved by Governing Council/ Board of Management/ Syndicate Policy document	[View Document](#)
Policy documents	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Institutional budget statements allocated for the heads of E_governance implementation ERP Document	[View Document](#)
Any additional information	[View Document](#)
Link for additional information	[View Document](#)

6.3 Faculty Empowerment Strategies

6.3.1

The institution has effective welfare measures for teaching and non-teaching staff

Response:

VMCH&RI complies with all stipulated statutory requirements. It has undertaken various welfare measures for benefit of teaching and non-teaching staff duly incorporating in service rules manual so as to ensure motivation, healthcare, morale, safety and job satisfaction.

Employee Provident Fund (EPF):

*   All eligible Permanent Staff is covered under Provident Fund act 1953.

Health Benefits:

- Health check-ups for all staff are held free of cost. Medicines are given at subsidized rate.
- Staff enrolled under EPF are covered under Group Insurance.

Leaves:

- Various leaves are sanctioned to teaching and non-teaching staff as vacation leave, casual leaves and sick leaves per year.
- Special leaves with pay are accorded to faculties to attend, present research papers in conferences, to go as external examiners and to conduct University assignments.
- Maternity leave for staff is granted as per state government rule.

Others

- Interest free loans.Needy staff can avail bank loans.
- Free transport facilities: is available for Student and staff
- Employees are provided with free and subsidized comprehensive health care facilities. Vaccinations such as Hepatitis and corona are also given.
- Employee's children are eligible for Tuition Fee concession in all constituent institutions of Velammal.
- Staff quarters are provided on need basis
- Water filters are provided toarrange safe drinking water.
- Professional training programs are held for faculty.
- Professional training programs are held to hone technical skills of non-teaching staff. Special Training programs in biomedical waste management and Infection Control protocols held.
- Aprons, Gloves, masks, sanitizers etc are provided free of cost.
- Wi-Fi connectivity is provided in all Departments and Administrative office.
- Various safety measures such as First aid kit, Fire extinguishers, Fire alarm system, Emergency exit and CCTV cameras are installed in College premises.
- Well maintained Staff rooms are provided. Administrative office is upgraded regularly.
- Canteen facilities at subsidized rates is available for staff and students with separate space for staff.
- Bank and ATM facility is available within the college premises
- Faculty is allowed to become members of Professional bodies, apply for grants from university and other Government organizations.
- Faculty are encouraged to take up Quality Research Projects and permitted to avail the college and laboratory facilities.They are also encouraged to publish research papers in Indexed journals
- Expenses in connection with official work is reimbursed to staff.
- Passed out students of VMCH&RI are given preference in recruitment.
- Crèche facility.
- College conducts Sports, Annual day programmes, Woman's Day celebrations, Fun Fairs, competitions etc.
- Celebration of important festivals involving students and Staff.
- Grievance redressal cell.
- Immunization of staff and students against communicable diseases
- Free uniforms to class –III and class IV employee.
- State of the art facilities in gym for physical exercises and services of yoga trainers.
- Every staff is covered under General Insurance.

File Description	Document
Any additional information	[View Document](#)
Link for list of beneficiaries of welfare measures	[View Document](#)
Link for policy document on the welfare measures	[View Document](#)

6.3.2

Average percentage of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the last five years

Response: 16.91

6.3.2.1 Number of teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies year-wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
102	8	35	20	14

File Description	Document
Relevant Budget extract/ expenditure statement	[View Document](#)
Policy document from institutions providing financial support to teachers, if applicable E-copy of letter indicating financial assistance to teachers	[View Document](#)
Office order of financial support	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Any additional information	[View Document](#)
Link for additional information	[View Document](#)

6.3.3

Average number of professional development / administrative training programmes organized by the Institution for teaching and non- teaching staff during the last five years

(Continuing education programmes, entrepreneurship development programmes, Professional skill development programmes, Training programmes for administrative staff etc.,)

Response: 10

6.3.3.1 Total number of professional development / administrative training programmes organized by the Institution for teaching and non-teaching staff year-wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
14	12	4	11	9

File Description	Document
Institutional data in prescribed format	[View Document](#)
Copy of circular/ brochure/report of training program self conducted program may also be considered	[View Document](#)
Any additional information	[View Document](#)
Link for Additional Information	[View Document](#)

6.3.4

Average percentage of teachers undergoing Faculty Development Programmes (FDP) including online programmes (Orientation / Induction Programmes, Refresher Course, Short Term Course etc.) during the last five years..

Response: 2.02

6.3.4.1 Number of teachers who have undergone Faculty Development Programmes including online programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course and any other course year-wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
05	08	06	01	01

File Description	Document
Institutional data in prescribed format	[View Document](#)
E-copy of the certificate of the program attended by teacher	[View Document](#)
Any additional information	[View Document](#)
Link to additional information	[View Document](#)

6.3.5

Institution has Performance Appraisal System for teaching and non-teaching staff

Response:

Performance Appraisal System

A system of performance appraisal is in place for Teaching faculty, administrative support departments, and other non-teaching staff and is carried out annually by the Heads of the Departments, the Dean,andSenior Management. It involves quantitative assessment of staff in various parameters such as compliance with job requirements, the satisfaction of stakeholders, ability to upskill, interaction with peers, and proactive role in accomplishing excellence in services as load out in our institution's vision & mission that determines each employee's increments and promotion. It's an infallible, fair, clear, and non-partisan system of continuous evaluation of staff performance apropos to the intended level. It helps in rewarding excellent performers and training ordinary performers. The main domains under which employees are assessed include:

1. Process efficiency (weightage 50%)
2. Satisfaction of stakeholders (weightage 30%)
3. Personal Growth & Development (weightage 10%)
4. Team performance (weightage 10%)

Each department might have slightmodifications in each of these domains based on their unique contributions.

Administrative Support Departments:

Administrative support departments such as House Keeping, IT Support, Billing and Finance, Human Resources, Medical Records Department (MRD), Quality Control, Maintenance &Estate Management, etc. provide the much-needed backbone support for the institution. Hence a robust system of performance appraisal is in place to evaluate the strengths and identify the areas for improvement, especially for departmental heads of these pivotal departments that inform their increment and promotions.A few examples of the domains of assessment are:

IT Department:

1. Internal Customer (20%)
2. Process efficiency (20%)
3. IT security (20%)
4. Application development life cycle (20%)
5. Personal Growth & Development (10%)
6. Team performance (10%)

Maintenance & Estate Management:

1. Complaint management (30%)
2. Cost Control (25%)
3. Process improvement (25%)
4. Personal Growth & Development (10%)
5. Team performance (10%)

Quality:

1. Co-ordination with NABH (20%)
2. Gap Analysis (20%)
3. Co-ordination of mandatory committees (35%)
4. Personal Growth & Development (10%)
5. Team performance (10%)

Teaching Faculty:

Teaching Faculty of Pre-Clinical , Para-Clinical & Clinical departments are appraised on their Number of academic publications, Contributions to book chapters, and their training & contribution to Faculty development programs. They are also appraised on their subject knowledge as well as Planning, Execution & Quality of their teaching programs, Communication skills, Work Ethics, Problem solving & Leadership skills, Relationship with peers & students & their contributions to Departmental Growth. The Head of the Department provides their feedback which is then reviewed by the Dean.

Non-teaching staff:

Non-teaching, administrative and technical staff have a pivotal role in the proper functioning of thecollege. A well-organized appraisal form helps to evaluate the strengths and weaknesses of staff. It comprises of details of their punctuality, efficiency, technical adequacy, Initiative, Neatness, Accuracy Leave record, Relations with superiors, colleagues and society Leadership qualities. HODs forward appraisal forms with their remarks to Dean for an eventual decision on increments and or promotions.

File Description	Document
Any additional information	[View Document](#)
Link for performance Appraisal System	[View Document](#)
Link for any other relevant information	[View Document](#)

6.4 Financial Management and Resource Mobilization

6.4.1

Institutional strategies for mobilisation of funds and the optimal utilisation of resources

Response:

Velammal has clear and well-organized financial management system. It has unambiguous Resource Mobilization Policy with major emphasis on realization of vision and mission goalsduly ensuring transparency.

Primary source of income is tuition,hostel and mess fees collected from students. Medical fees of health care services, provided to patients is also one source.However, fees charged is highly subsidized. Hencerevenue generation from this channel is very limited as VMCH&RI caters to quality health care requirements of the under-privileged and rural population in the region as social commitment.At times loan from banks also considered to meet the deficient funds.

VMCH&RI plan the budget estimation exercise at the beginning of every financial year. Dean elicits annual requirements and up gradation of facilities if any, from all departments. All requirements are consolidated and included in budget estimates and submitted to Finance committee. It prepares and submits final budget to the management committee for scrutiny and approval.

It has streamlined process to utilize allocated funds.Financial resources are properly budgeted and utilized for all-round development of VMCH&RI. It caters to the needof maintaining and upgrading facilities that are provided by college along with improvement in infrastructure.

Purchase Committee ensure purchases are done properly, in consonance with needs and rules. It approves quotation specifications after due negotiation of rates and specifications and place final purchase order to suppliers.

Management conducts review of mobilization and utilization of funds at periodic intervals.

All accounts are subjected to audit by Chartered Accountants appointed by College

Resources utilization may be broadly classified as:

Academic Salary,

Fees to university/Board/ government, including valuation, examination, university affiliation fees, administrative expenses, Conference / workshop Meeting. Faculty Development Activities, Staff Welfare Activities, Student Welfare Activities, Sports and Culture Events, Annual Day and Convocation, Extension Activities,

Health care facilities

Hospital facility expenses – equipment, drugs, instruments, Lab and Dept. current expenses Repairs, maintenance, and Equipment, Monthly/Annual Bill Payables (Electricity, AMCs etc.)

Health Camp expenses

Infrastructure: Improvement of infrastructuremaintenance and building augmentation. DepreciationMiscellaneousAudit fees and expensesLegal expensesElectricity, telephone, internet, postage, and telegrams

Optimum Utilization of Resources is ensured by:

- Finance committee, purchase committee and head of institution.
- Purchase committee involving with vendors for quotations optimization. Decisions are made considering the quality, pricing, post sales services, amc etc.
- Effective utilization of available infrastructure for teaching learning practices, research and services.
- Involving faculty from different specialties for interdisciplinary training.
- Optimal utilization and audit of research grants received.
- Proper upkeeping of accounts and compliancewith regulations of statutory bodies.
- Considering new budgetary allocations / interchanging in budgetin emergencyrequirements.

Several NGOs/Foundations/Charities collaborate with college for community health programs and society-oriented projects duly providing necessary funds. VMCH&RI provides all the required facilitiesand logistical support for the said activities.

VMCH&RI ensures adequate deployment of funds for building infrastructure, quality manpower and healthcare facilities.

File Description	Document
Any additional information	[View Document](#)
Link for procedures for optimal resource utilization	[View Document](#)
Link for any other relevant information	[View Document](#)
Link for resource mobilization policy document duly approved by College Council/other administrative bodies	[View Document](#)

6.4.2

Institution conducts internal and external financial audits regularly

Response:

VMCH&RI is a Self–Financing Institution comes under (VMET) Velammal Madurai Educational Trust. It has a sound mechanism for accounting income and expenditure. Finance committee prepares budget well before commencement financial year. Finance Committee submits annual budget of revenue and capital expenditure for approval of BOM.

Normally recurring and capital expenditures are estimated so as to be within budgeted resources. It abhors deficit budgeting. It monitors usage of financial resources through Central Pooling and Audit.

Institution conducts internal and external financial audits regularly. Audit Committee plans, coordinates and controls audit activities including internal and statutory audit.Auditors certify income, expenditure and capital expenditure every year.

Internal Audit

Internal auditing is an independentactivity, adds value and improve institute's operations exponentially. It establishes a structured and disciplined system to evaluate and improve the processes of risk management, controlandgovernance. Qualified Internal Auditors are appointed to carry out verification of all transactions. Internal auditors provide insightandrecommendationsbasedon analyses and assessments of data and comparing statement of estimation with the budget prepared before utilization of funds. It provides valuable information to management committee as an independent advice management tool.

Internal audit performs many activities:

- Assessing accounting and internal control system
- Look into of routine operational activities and statutory activities
- Physical verification of inventory at predetermined periodicity
- financial and non-financial information analysis
- Noticing of any errors etc.

Functioning

- Internalauditisheld at regular intervals.
- Auditors report procedural lapsesatthetimeofaudit.Deviations if any are reported to management.
- After due compliance, a report is submitted.
- Annual stock verification

External Audit

External audit is conducted yearly by an audit firm headed by CA.It comprises of elaborate verificationof all statutorycompliances duly taking in to account internal audit reports.

External auditors submit summary auditreport after completion of audit to the college. It mentions discrepancies in reporting and non-compliance of rules if any and the same will be referred to BOM. Queries raised during the audit process by external auditor are settled by accounting department.

Outcome

In depth financial analysis and providing financial perspective and opinionto assess the risk, analyses the efficiency and inform policy decision made effective management.

Accuracy and transparency of financials is maintained by adoption of internal and statutory audits. A proper redressal mechanism of audit findings helps in taking precautionarysteps to avoid such errors in future. It strictly ensures adherence to standard accounting practices. There are no major observations so far. Minor errors or omissions/commissions are rectified whenever pointed out by auditors.

Auditsguarantee efficient working of overall financial system. All the statutory audit reports are completed/closed satisfactorily.

External audit report providing accurate and comprehensive financial information is provided to management for long term financial strategy.

File Description	Document
Any additional information	[View Document](#)
Link for any other relevant information	[View Document](#)
Link for documents pertaining to internal and external audits year-wise for the last five years	[View Document](#)

6.4.3

Funds / Grants received from government/non-government bodies, individuals, philanthropists during the last five years (not covered in Criterion III)

Response: 88.69

6.4.3.1 Total Grants received from government/non-government bodies, individuals, philanthropists year-wise during the last five years (INR in lakhs)

2021-22	2020-21	2019-20	2018-19	2017-18
55.47	15.16	10.00	6.88	1.18

File Description	Document
Provide the budget extract of audited statement towards Grants received from nongovernment bodies, individuals, philanthropist duly certified by Chartered Accountant and the head of the institution	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Copy of letter indicating the grants/funds received by respective agency as stated in metric	[View Document](#)
Any additional information	[View Document](#)
Annual statements of accounts	[View Document](#)
Link for Additional Information	[View Document](#)

6.5 Internal Quality Assurance System

6.5.1

Instituion has a streamlined Internal Quality Assurance Mechanism
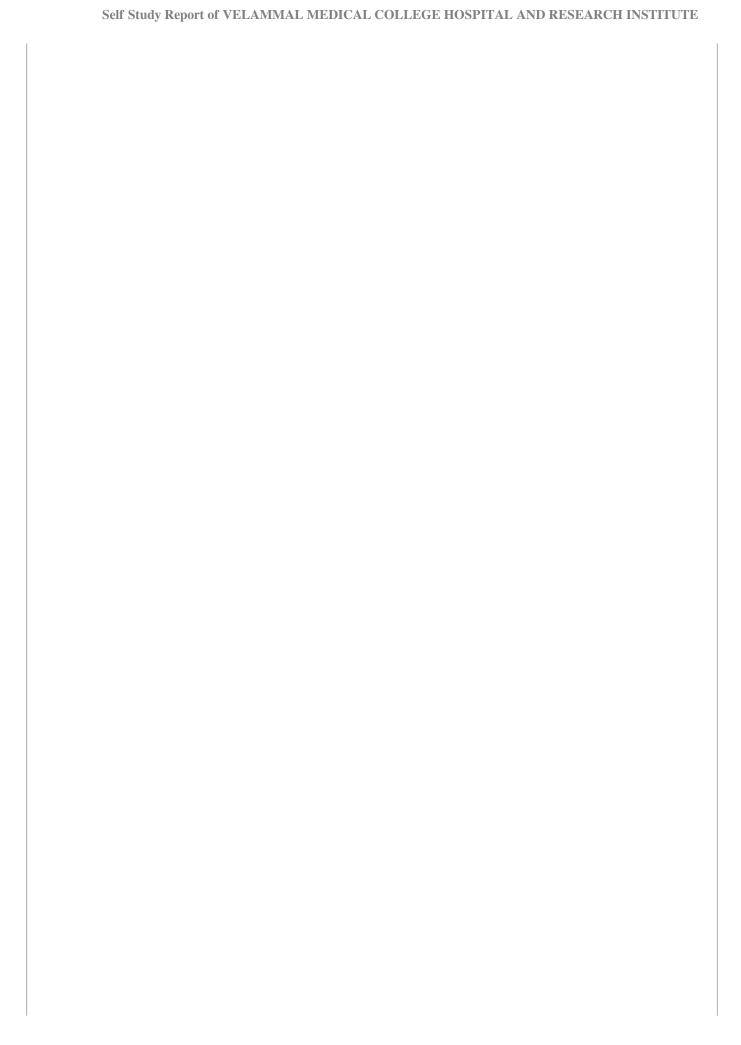
Response:

VMCH&RI has facilitated participation of all stakeholders especially faculty, students and non-teaching staff and ensured quality assurance in academic, administrative, safe and patient centric health care and research activities. IQAC plays pivotal role in establishing high quality functioning of administrative and academic units of college as reflected in achievements of college. Accordingly, IQAC was established on 2017 with full time Coordinator on board. Its sole objective is quality improvement to the satisfaction of all stakeholders.Dean is chairperson of IQAC and faculties from various departments, senior administrative staff, representatives of Management, students, nominees from local society and alumni as members.

VMCH&RI (IQAC)

Name of the Members & Designation		
Chair-person	Dr. Thirunavukkarasu Dean	
Teachers	Dr. S. Nataraja Rathinam, Professor, Department of Paediatrics	
	Dr. B.G. Mahesh Krishna Professor and HoD, Forensic Medicine	
	Dr. John Rajpathy	

	Professor , Physiology	
	Dr.TruptiBodhare Professor , Community Medicine	
	Dr.K.Yegumuthu Professor , Pathology	
	Dr. S. B. Rena Rosalind Associate Professor , Psychiatry	
	Dr. Hariharan Assistant Professor, Biochemistry	
	Dr. ShanthiPrincipal, VCAHS	
Member from Management	Mr. Manivannan Chief Administrative Officer	
Senior administrative officers	Dr. S. R. Dhamotharan Medical Superintendent	
	Dr. P. Mohanty Vice- Principal	
Local Society	Dr. Geetha Sivasubramanian, Velammal Engineering College	
Students	Ms. Jhancy Rani2017 batch	
	Mr. Sidharth M Rahejaa2018 batch	
Alumni	Dr. Sowmiya2013 Batch	
	Dr. Swathika2013 Batch	
Expert	Dr. Sunil Kumer. D,Associate Professor, Department of Community Medicine, JSS Medical College, Mysore	
Industrialists	Mr. K. Vijayanand Managing Partner Hayakriva Associates and Builders	
Stakeholder	Mr. M. Karthigeyan F/o K Soundharrya Meenakshi (2018 Batch)	
Coordinator	Dr. Samir Bele	

	Professor and HoD, Community Medicine	

Objectives: To promote:

- Facilitative teaching-learning environment and develop foolproof system to improve academic and administrative performance.
- Measures forquality enhancement through internalization of quality culture and institutionalization of best practices.

Functions of IQAC:

Development and application of quality parameters for various academic and administrative activities, learner-centric environment for quality education. Organization of inter and intra institutional workshops, seminars and promotion of quality circles supervising institutional database through MIS, Quality Culture and AQAR.

Important Quality Initiatives:

Curriculum development: Provides Inputs on curriculum design, CBME, POs, COs and specific learning outcomes. It has Active role in feedback collection, analysis and relevant actions.

Teaching -learning activities:conducting workshops, seminarsand faculty development through MEU and various other forums. supervising learners progress, remedial actions for slow learners and review of examinations.

Student support activities: Suggestion for instituting Prizes for students. Active supervisory rolein Swachha Bharat Abhiyan, Health Awareness Camps, gender sensitization,human values programs, cultural and sports activities and ensuring zero tolerance for ragging and proper conduct and discipline in students.

Promoting Research: Inputs on workshops on research, research methodology, publications and ethics, Central Research facility and interdisciplinary research.

Governance, infrastructure development and green campus initiatives:

Inputs on code of conduct, discipline for staff and students,arranging AQARs, waste management, conduct and compliance of various statutory Audits.

File Description	Document
Any additional informaton	[View Document](#)
Link for minutes of the IQAC meetings	[View Document](#)
Link for any other relevant information	[View Document](#)
Link for the structure and mechanism for Internal Quality Assurance	[View Document](#)

6.5.2

Average percentage of teachers attending programs/workshops/seminars specific to quality improvement in the last 5 years

Response: 89.17

6.5.2.1 Number of teachers attending programs/workshops/seminars specific to quality improvement year-wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
160	192	190	214	223

File Description	Document
List of teachers who attended programmes/workshops/seminars specific to quality improvement year-wise during the last five years	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Details of programmes/workshops/seminars specific to quality improvement attended by teachers year-wise during the last five years	[View Document](#)
Certificate of completion/participation in programs/ workshops/seminars specific to quality improvement	[View Document](#)
Any additional information	[View Document](#)
Link for Additional Information	[View Document](#)

6.5.3

The Institution adopts several Quality Assurance initiatives

The Institution has implemented the following QA initiatives :

1. Regular meeting of Internal Quality Assurance Cell (IQAC)

2. Feedback from stakeholder collected, analysed and report submitted to college management for improvements

3. Organization of workshops, seminars, orientation on quality initiatives for teachers and administrative staff.

4. Preparation of documents for accreditation bodies (NAAC, NBA, ISO, NIRF etc.,)

Response: A. All of the above

File Description	Document
Report of the workshops, seminars and orientation program	[View Document](#)
Report of the feedback from the stakeholders duly attested by the Board of Management	[View Document](#)
Minutes of the meetings of IQAC	[View Document](#)
Institutional data in prescribed format	[View Document](#)
AQAR submitted to NAAC and other applicable certification from accreditation bodies	[View Document](#)
Annual report of the College	[View Document](#)
Link for Additional Information	[View Document](#)

Criterion 7 - Institutional Values and Best Practices

7.1 Institutional Values and Social Responsibilities

7.1.1

Total number of gender equity sensitization programmes organized by the Institution during the last five years

Response: 15

7.1.1.1 Total number of gender equity sensitization programmes organized by the Institution year-wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
3	3	4	2	3

File Description	Document
Report gender equity sensitization programmes	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Geotagged photographs of the events	[View Document](#)
Extract of Annual report	[View Document](#)
Copy of circular/brochure/ Report of the program	[View Document](#)
Any additional information	[View Document](#)
Link for additional information	[View Document](#)

7.1.2

Measures initiated by the institution for the promotion of gender equity during the last five years.

Response:

Gender equity:

College has provided equal opportunities to both male and female students/employees, which is reflected in its policy and institutional practices. Accordingly, both male and female students are equally represented in all the committees.

Faculty and students hold awareness campaigns and talks about personal health for females in community, women empowerment, their rights and safety. Social issues like domestic violence, dowry,

equal pay for women are stressed.

The students are involved in creating awareness against discrimination through marathon, role play, debate and short talk. Collegeensures parity in allowing access to various facilities for women inside campusequally without any discrimination. Faculty ensures gender equity in campus. They are encouraged to use gender neutral language. It sensitizes students regarding gender equity. International women's day is celebrated every year.

Counselling:

Institute help female students and Lady-staff in resolving their problems by proper counselling. Both male and female students are assignedto a mentor under mentorship programme which who allows good interaction with each other and helps in solving personal as well as academic issues.college hasWomen grievance redressal committee, Sexual harassment committee and disciplinary committee which are headed by female staff for effective function and easy approach.

Common rooms

Separate female and male common rooms are available.These rooms are provided with chairs, table for having snacks/lunch, washroom, TV for entertainment, newspapers, magazines, chessboard, carom for recreation and pure drinking water.Complaint box is available.

Day care centre for young children

Ithas day care facility inside hospital premises. Facilities available are a separate area for breast feeding, one staff nurse, one female attender to take care of children, pantry to prepare food, clean water for drinking purpose, toys for playing. The place is situated near paediatric OP to attend those children immediately in case of emergency.

College organises various competitions in annual social gathering of students wherein participants from both genders are encouraged to participate.

The anti-ragging committee ensures college campus ragging free. Freshers' day celebration conducted every year for new MBBS batch creates a friendly atmosphere Both male and female students participate without any inhibition, bias, or prejudice.

Safety & Security

A 24X7 security guards are present outside all the ladies'hostels apart from one female warden and a separate care taker. Only female- staff are appointedto serve inside lady-hostels. Few measures taken inside female hostel for ensuring safety is as follows:

- In and out timing entry is made in a register,
- Strict timing is maintained for going out of hostel,
- No girls are allowed to stay outside the hostel after 9 pm,
- Reading rooms are available for studying in the night time,
- CCTV camera, fire extinguishers, complaint box, 24X7 helpline number are available.

Along with the above provisions, entry inside the campus is restricted, having security check post at everywhere.

College believes Gender Sensitization is mandatory to understand sensitive nature a particular gender. It strives on ending discrimination towards women and nurtures equality amongst men and women in any domain.

File Description	Document
Any additional information	[View Document](#)
Link for any other relevant information	[View Document](#)
Specific facilities provided for women in terms of a. Safety and security b. Counselling c. Common Rooms d. Day care centre for young children	[View Document](#)
Annual gender sensitization action plan	[View Document](#)

7.1.3

The Institution has facilities for alternate sources of energy and energy conservation devices

1. Solar energy

2. Wheeling to the Grid

3. Sensor based energy conservation

4. Biogas plant

5. Use of LED bulbs/ power efficient equipment

Response: C. Any three of the above

File Description	Document
Institutional data in prescribed format	[View Document](#)
Installation receipts	[View Document](#)
Geo tagged photos	[View Document](#)
Facilities for alternate sources of energy and energy conservation measures	[View Document](#)

7.1.4

Describe the facilities in the institution for the management of the following types of degradable and non-degradable waste (within 500 words)

- **Solid waste management**

- **Liquid waste management**

- **Biomedical waste management**

- **E-waste management**

- **Waste recycling system**

- **Hazardous chemicals and radioactive waste management**

Response:

College has its own policy of waste segregation and disposal of waste is through authorized agencies only.

Solid Waste Management

- Solid waste generated in the campus excluding Biomedical wasteis segregated as bio-degradable, non-bio-degradable and domestic hazardous waste.
- Used sanitary waste are wrapped securely and placed in the category of non-bio-degradable waste.
- Horticulture waste and gardenwastegeneratedfromcollege campusisstoredseparatelyanddisposedof.
- Food waste from Boys/Girl's hostel, Canteen and dining area are collected separately and sent daily for piggery farming.
- Both bio-degradable and non-bio-degradable wastes are collected by Madurai Corporation agency daily.

Liquid waste

Liquidwastegeneratedfromtoilets, Kitchen, Bathroom,ClothWash,VesselWash,etc.(sullage)istransferredtoSTP through the sewerage system.

VMCHRI has 2 STP, this is being operated in shift basis. The sediment is used as manure for plants and all treated water used for in house gardening purpose.

Instructions are given to all, to use water judiciously tominimizethegenerationofliquidwaste.

Bio Medical Waste Management

Biomedical waste of the campus is managed according to NACO/ National guidelines for Biomedical Waste Management. The institution has colour coded plastic bag of approved material and thickness for

non-sharp waste and puncture-proof container for sharps.

- During the point of disposal itself the biomedical waste as segregated according to its colour coded bins. The bins from each point are collected and stored separately according to the colour bags. Thesegregatedwasteis stored at safe, ventilated and secured location.
- Allthenecessaryprecautionsaretakentoensurethatbio-medicalwastegeneratedinthehospital ishandledwithoutanyadverseeffects to humanhealthandenvironment.
- The bio-medical waste generated in the hospital is collected in coloured bags andcontainers.
- The laboratory waste, microbiological waste, bloodsamples and blood bags, along with waste generated at Medical College in the various departmentsarepre-treatedandthensenttocommonbio-medicalwastetreatmentfacility.
- The Ramky Energy and Environment Ltd has agreement of service with the institution so they collect the segregated waste and it is disposed accordingly to their policy.

E-waste management

All the E- waste are collected and segregated and disposed of through Green Era Recyclers, an accredited and approved e- waste disposal agencies. They follow appropriate procedure according to the State and National guidelines.

- All the electrical and electronic devices categorized as E-waste are handed over to theGreen Era Recyclers
- Instituteisalsocommittedto create awareness regarding the hazards of improper handling, instructions for handling theequipment after its use, along with Do's and Don'ts through Publications, Advertisements, Posters.

WasteRecyclingSystem:

- Solidbio-degradablewasteiscompostedandreusedasmanure.
- Theliquidwasteis treated at STP and effluent is used for gardening.
- Plastic use in the campus is banned.

Hazardous Chemicals and Radioactive Waste Management:

- Chemical wastes from institute arecollected in Yellowcoloured containers as per the Bio-Medical Waste Management Rules, ornon-chlorinated plastic bags, which is then collected by the authorized waste disposal authority.

File Description	Document
Any additional information	[View Document](#)
Link for relevant documents like agreements/MoUs with Government and other approved agencies	[View Document](#)
Link for any other relevant information	[View Document](#)
Link for geotagged photographs of the facilities	[View Document](#)

7.1.5

Water conservation facilities available in the Institution:

1. **Rain water harvesting**
2. **Borewell /Open well recharge**
3. **Construction of tanks and bunds**
4. **Waste water recycling**
5. **Maintenance of water bodies and distribution system in the campus**

Response: All of the above

File Description	Document
Institutional data in prescribed format	[View Document](#)
Installation or maintenance reports of Water conservation facilities available in the Institution	[View Document](#)
Geo tagged photos of the facilities as the claim of the institution	[View Document](#)
Geo tagged photo Code of conduct or visitor instruction displayed in the institution	[View Document](#)

7.1.6

Green campus initiatives of the Institution include

1. Restricted entry of automobiles

2. Battery-powered vehicles

3. Pedestrian-friendly pathways

4. Ban on use of plastics

5. Landscaping with trees and plants

Response: B. Any four of the above

File Description	Document
Institutional data in prescribed format	[View Document](#)
Geotagged photos / videos of the facilities if available	[View Document](#)
Geotagged photo Code of conduct or visitor instruction displayed in the institution	[View Document](#)
Any additional information	[View Document](#)
Link for additional information	[View Document](#)

7.1.7

The Institution has disabled-friendly, barrier-free environment

1. Built environment with ramps/lifts for easy access to classrooms
2. Divyangjan friendly washrooms
3. Signage including tactile path, lights, display boards and signposts
4. Assistive technology and facilities for Divyangjan accessible website, screen-reading software, mechanized equipment
5. Provision for enquiry and information: Human assistance, reader, scribe, soft copies of reading material, screen reading

Response: A. All of the above

File Description	Document
Institutional data in prescribed format	[View Document](#)
Geo tagged photos of the facilities as per the claim of the institution	[View Document](#)
Any additional information	[View Document](#)
Link for additional information	[View Document](#)

7.1.8

Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socio-economic and other diversities. Add a note on how the Institution has leveraged its location for the services of the

community (within 500 words).

Response:

VMCH&RI is situated on the high way which is easily assessable by all people of southern district; in case of any emergencies they can come to hospital immediately without getting stuck in traffic.

Starting from student's seat matrix our institution follows the norms given by Tamilnadu Dr. MGR Medical University. Every year 150 MBBS seats are granted in our institution. Among that 18 seats are allotted for SC candidates, 1 seat for ST, 47 seats for BC/BCM/MBC/DNC and 84 seats for General category.

College has a profound vision to train students from different localities and backgrounds and to transform them in to professional doctors with empathy and competent skills to serve the community at large. It has established a holistic culture, sans ragging and an inclusive environment for students from different cultural and socioeconomic backgrounds.

VMCH&RI promotes harmony and respect of all religions. There are religious places in the vicinity. The Church building is located adjacent to the College of allied health sciences. There is a temple located near the main entrance to the Hospital campus. A mosque is located near the women Nurse's hostel. During the opening of all the three religious places our chairman is awarded with the title of 'SamayaSangamaVithagar' which is appreciation of his establishment of religious harmony inside velammal campus.

To make the students and faculties of velammal familiar with local customs and traditions, Pongal, a festival of famers is celebrated in a grand manner every year. In that function to develop interest in traditional culture and local customs, lady staff and students wear saree. Folk dance and other competitions are conducted. For the competition each department as a whole irrespective of caste, gender and religion take part.

To make Lord Ganesa happy Vinayagar Chaturthiis celebrated in our campus, on that day special Mothagam and Sundal are given to students and faculties and visitors also.

Ayudhapooja followed by Navaratri is a festival to praise the female goddesses Durga devi is celebrated. In this students take part in the process of keeping' kolu', arranging dolls in step wise pattern to depict some incident from epic or arrangement based on any theme.

Christmas function is celebrated yearly with carol. Students and faculties involve wholeheartedly. Regular prayers are done. Month of Margali, is considered as auspicious month, Carnatic music with its Saranam and Keerthanaigal are famous.to give a treat to our ear 'Margali Mahautsavam' is celebrated.

To develop the mental and spiritual wellbeing of students 'international yoga day' is celebrated each year. Yoga club is functional. This gives a positive thought among students. Irrespective of socio-economic status and other diversities students acts as a whole and conduct this type of programme.

College provides concession in fees for the deserving students. It provides a platform for establishing a strong grounding in human values and ethics. Students are made aware of the need to contribute to the local community by Visits to old age homes and Participation in community-oriented and rural

development programs.

File Description	Document
Any additional information	[View Document](#)
Link for supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	[View Document](#)
Link for any other relevant information/documents	[View Document](#)

7.1.9

Code of conduct handbook exists for students, teachers and academic and administrative staff including the Dean / Principal /Officials and support staff.

1. The Code of conduct is displayed on the website

2. There is a committee to monitor adherence to the code of conduct

3. Institution organizes professional ethics programmes for students, teachers and   the academic and administrative staff

4. Annual awareness programmes on the code of conduct are organized

Response: A. All of the above

File Description	Document
Institutional data in prescribed format	[View Document](#)
Information about the committee composition number of programmes organized etc in support of the claims	[View Document](#)
Details of the monitoring committee of the code of conduct	[View Document](#)
Details of Programs on professional ethics and awareness programs	[View Document](#)
Any other relevant information	[View Document](#)
Link for additional information	[View Document](#)
Web link of the code of conduct	[View Document](#)

7.1.10

The Institution celebrates / organizes national and international commemorative days, events and festivals

Response:

The institution strongly believes that unless the present generation of youth is not sensitized about significanceof festivals of our secular country and sacrifices which great men and women of this country have made for uplifting their countrymen, they will not be able to understand their responsibility to the nation.

To build a nation comprising of youth who are noble in their attitude and morally responsible, the institution organizes national festivals and international days, so as to inculcate in the students, staff, and society and to remind about the unity which India has in its diversity that serves as the melting pot of cultures, religion, and ethnicity. It helps in developing qualities of tolerance and understanding amongst students.

Doctors are considered next to God in our country. To respect the faculties and remember the services they provide 'Doctor's Day' is celebrated annually. During the event of doctor'sday, the faculty who have established a mark of distinction and reputed success in their field are awarded with 'award oh honor'

Constitution day of India is celebrated to sensitize the students regarding the drafting of the constitution, its various amendments and the leaders who were involved in framing. It commemorates adoption of our constitution.

With a spirit of national pride and enthusiasm and to plant seeds of patriotism in studentsRepublic Day and Independence Day are celebrated. National flag is unfurled, sweets distributed on these occasions.

The security staff, who safe guard the institution day and night conduct parade.

Gandhi Jayanti is celebrated on 2nd October every year meaningfully by conducting cleanliness campaigns.Staff nurses are the ones who take care of patientsbelonging to different ethnic origins and religious backgrounds and support them through health and illness. So as to appreciate and remember the services they offer, Velammal celebrates nurse's day annually and the best performing nurse receives the 'best performer award'.

Other national days like flag day, national voters' day are celebrated.

The department of psychiatry organizes the International day against Drug abuse and Illicit Drug trafficking, world mental health day, world schizophrenia day and many more given in annexure.

World breastfeeding day and children's day are celebrated by Paediatrics department.

Medicine Dept. celebrates World lupus day on May 10, World arthritis day on October 12 and World osteoporosis day on October 20. It also celebrates International Yoga Day, World Health Day, Organ donation day, World Women's Day, World No Tobacco Day, World AIDS day, World Leprosy Day, World Heart Day, etc. Students celebrate Teachers Day on 5th September with great enthusiasm and sense of gratitude towards faculty. They offer personalized greeting cards and flowers to faculty.

Most of these activities are organized by staff and students of the college by initiating many of the below mentioned events –

Organizing lectures, meetings, and exhibitions, conducting awareness camps, distributing published materials, conduct outreach programs and support the needy and commemorating the leaders by establishing prizes and awards.

File Description	Document
Any additional information	[View Document](#)
Link for additional information	[View Document](#)

7.2 Best Practices

7.2.1

Describe two Institutional Best Practices as per the NAAC format provided in the Manual

Response:

Title of the Practice

Velammal community service & Quality care at affordable cost.

Objectives.

- Identify medical needs of community
- Provide preventive, promotive & curative health services free of cost.
- Identify and enrol critically ill patients through door-to-door health surveys.
- Provide free-of-cost treatment at VMCH&RI.
- Quality care at affordable cost.

The Context

Velammal community service was initiated in January 2018 to provide both ambulatory primary medical care through mobile health camps & specialist/in-patient care by referral to VMCH&RI to the rural community.Majority of services such as doctorconsultations, basic drugs & investigations are offered free of cost. Other services at subsidized rates.

The Practice

- Members of Panchayath Raj are involved for arranging a place.
- Community receives free primary health care and screening for common chronic health conditions like Diabetes & Hypertension, etc.
- Essential medicines and drugs for Diabetics and hypertension, etc. given free of cost to increase compliance.
- Patients requiring further specialist care, investigations, treatment or surgery referred to VMCH&RI with free transportation facility.
- Other benefits:
  - Basic laboratory tests like Complete Blood Count, Serum urea and creatinine provided free of cost
  - Other investigations at subsidized rates.
  - Angiogram is free of cost for needy patients.
  - Surgery at concession rates.
  - Free in-patient stay in general wards and food.
  - Dedicated team of doctors and staff nurses.
  - Mobile medical team visits them periodically for follow up.

- Quality care at affordable cost initiative is to mainly increase drug adherence and proper follow up of patients by prescribing generic drugs, which are priced far below market rates. Drugs which are essential and basic drugs costing less than Rs.3 are given free of cost to all patients
- Surgery procedure charges are 50% less to other private medical colleges. To reduce maternal mortality rate,Velammal offers both normal labour and caesarean section at free of cost. Public transport facility is available.

Evidence of Success

- 131 camps were conducted in 105 communities serving a total of 19,379 patients.They have

received specialist care and treatment free of cost/subsidized rates by referral to VMCH&RI.
- Around 250 members are benefitted every month.
- Many people are provided primary medical care through mobile health camps.
- Cost of medications at Velammal are less compared to the market pharmacies.

Year wise consolidated list, Cumulative list of referral patients and

Date wise list of Camps provided as document.

Problems Encountered and Resources Required:

- Inordinate delay in permission from panchayatraj.
- Logistics is a challenge in sensitive/remote areas.

- Inadequate pre-camp publicity by community.
- People perception of poor quality of medical care when given at their door steps.
- Bringing people together from different socio-economic groups/ religions and introducing health as a priority in their lives
- Patients not coming for follow up
- Keeping Faculty and staff motivation high.
- Wrong perception of Generic drugs being of low quality.
- Initiative is made known to many people.

Resource required-Mobile Medical Team, Camp Van, Medical Equipment's, Basic Drugs, IEC Materials,Human Resources, Material, Logistics and Finance.

Best Practice: 2

Title "Clinical Audit for Continuous Improvement of Service Beyond Professional Responsibilities"

Objectives:

- Assess clinical processes of VMCH&RI on a Continuous basis.
- Administer health care interventions to transcend health status of patients.
- Acclimatize Medical Students and Interns about the requisites.

Context:

- Clinical audit, being a proven method of quality improvement involves systematic way of implementing clinical processes to increase health quotient of society.
- It enables execution of planned processes, and incorporation of changes for improved patient care.

Practice:

VMCH&RI has implemented Clinical Audit in all 15 departments. Modus operandi

- Every Department audit team consists of three/four Doctors.
- It will have its own schedule/checklist for collection of data.
- Inpatient files are primary source of information. (Normally one month files perused).
- Based on observations compliance done in the right earnest.

Outcome of clinical audits:

- Training of Interns and Staff.
- Educating referral centres for timely referral of cases.
- Educating billing section, front desk, ER staff, lab, PRO and Radiology for providing quick and efficient service.
- Department wise improvements

Ophthalmology: Only 2 had vision less than 6/24 which was 6 out of 55.

Cardiology: Cardiac team involved general physicians and other specialists to provide quality care to patients with multiple comorbidities during hospital stay.

Cardiothoracic Surgery: Sheathed technique preferred for IABP insertion resulting 0% cases of acute limb ischemia intraoperatively.

Dermatology: Strict glycaemic control and early IV antibiotics were planned after departmental consensus obviating chronic infection in inpatient leprosy patients.

Neurology: Code Stroke created and patients treated with emergency care, early thrombolysis and Physiotherapy resulting <1 % incidence of delayed recovery.

Obstetrics & Gynaecology: Importance of prophylaxis was stressed and all mothers (if not emergency) received tocolyses till completion of prophylaxis.

Paediatrics: Nutritional advice is added to discharge checklist.

Urology: Earlier (5%) operated patients developed UTI in a month. Now it's "NIL".

Vascular Surgery: Compliance to standard care increased to >90% from earlier 70%.

Emergency Room: A decrease of waiting time in ER by 1 hour.

Gastroenterology: Now no patient develops aspiration or other complications.

Intensive Care Unit: Now all patients get assessment and predictions done on time.

General Medicine: MEWS scoring, code blue reported zero.

Oncology: Double checking of orders ensured before drug administration.

Respiratory Medicine: Adherence to NTEP for TB treatment has improved significantly to >95%.

Evidence of success:

Clinical audits are implemented in VMCH&RI across all departments and findings are complied with for continuous clinical quality improvement for high standard of patient care. This process promotes clinical services with interdisciplinary institutional approach. It inculcates values of "Service Beyond Self" in Students, Faculty and Staff.

It has helped to retain trust and respect of patients and public apart from being a quality improvement tool in health service at VMCH&RI.

Problems encountered and resources required:

Patients' priorities differ significantly from those of clinicians. Ensuring healthcare staff to learn art of clinical audit.

Clinical audits have equipped VMCH&RI to embrace changes ensuring improved patient care.

File Description	Document
Link for any other relevant information	[View Document](#)
Link for best practices page in the Institutional web site	[View Document](#)

7.3 Institutional Distinctiveness

7.3.1

Portray the performance of the Institution in one area distinctive to its priority and thrust within 500 words

Response:

At VMCH&RI, patient care extends beyond their medical needs. "Patients First"is the credo by which it functions and reflects in our attitudes and practises in every encounter with patient.It's inculcated inourstudents."Putting Patients First" means providing world class health care services at affordable cost as reflected in**Vision**statement.

VMCH&RI provides world-class medical care for allBeing the No. 1 Multi-Super Speciality Hospital in South Tamilnadu, delivers highly advanced in every branch of super specialities including imaging services, cutting-edge operation theatres, ultra-modern laboratories and being at the forefront of medical research.

Call outs:

- 42 specialities
- 20 Lakh sq. ft. Built Up Area
- 2100 Bed Facility
- 140 ICU beds across 7 Intensive care units
- 550 Air-conditioned Bed Facility
- 23 State-of-the-art Operation Theatres
- 55 Dialysis Units
- 2 CATH Labs
- 7 Well-stocked Pharmacies
- 2 MRI Scan Units
- 2 CT Scan Units
- 2 Endoscopy Units
- NABL accredited Laboratories

Velammal Hospital is adorned with various awards including:

- "**Best Hospital (Private) award"** for organ transplantation programme for 4 consecutive years by Government of Tamilnadu owing to international standards of quality and outcomes.
- **Best Service Award by Govt. of Tamilnadu during COVID-19 Pandemic**.

From the moment patient enters hospital, they have all support and reassurance to make their experience comfortable. Staff are trained to handle patients with compassion and respect. This encompasses easy accessibility to doctors, ease of admission and discharge, transparency in payments and insurance claim processes. Staff ensure patients are aware of various government schemes and aid. Patients receive post-operative care with follow-up calls after discharge.

VMCH&RI expresses concern for specially abled by offering job.

"Patient Care" department is established to guide patients, ensuring their comfort, 'hand-holding'

through various hospital procedures, addressing their queries and grievance redressal. It assists doctors and patients so as arrive at informed decisions of medical care. It records and analyses **feedback from patients** for further improvement.

Compassionate Care Knows No Bounds

VMCH&RI extensive medical services are not confined within walls of campus. Hospital with support from college conducts various medical camps, awareness programs and health checkups for people living in community. **"Patients First"** also implies providing health care that does not burden common man. Velammal, being the epicenter of health care has numerous initiatives toensure multi-disciplinary state of the art world class medical facilities affordable to marginalized and rural community. These path-founding initiatives include:

- Free beds in general wards of all specialties
- Free customized food during their hospital stay
- 700 Free drugs, covering most of national essential drugs.
- 8% discount on pharmacy purchase
- Rural & Urban Health Centres under the aegis of Community Medical Departments
- Velammal Community Service, a unique mobile rural medical service that conducts free medical camps, with free distribution of drugs in all neighbouring villages & towns
- **Insurance schemes** like Tamil Nadu CM Insurance scheme, ESI, ECHS, MD India, Pensioners scheme, Star Health as well as private insurances
- Concession for students, employees and insured family members.

It's cost-effective solutions has given impetus to health care services for common man.

File Description	Document	
Link for appropriate web page in the institutional website	[View Document](#)	
Link for any other relevant information	[View Document](#)	

8.Medical Part

8.1 Medical Indicator

8.1.1

NEET percentile scores of students enrolled for the MBBS programme for the preceding academic year.

Response: 90.66

8.1.1.1 Institutional mean NEET percentile score

Response: 90.66

File Description	Document
Uploads for NEET percentile scores of students enrolled for the MBBS programme during the preceding academic year.	[View Document](#)
Upload for list of students enrolled for the MBBS programme for the preceding academic year	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Any additional information	[View Document](#)
Link for Additional Information	[View Document](#)

8.1.2

Students are exposed to quality of care and patient safety procedures including infection prevention and control practices as practiced by the teaching hospital in didactic and practical sessions during their clinical postings.

Response:

VMCH&RI is a premier institution, started with a noble vision to provide medical care of international standards at affordable fees to general public. It has state of the art infrastructure, latest medical equipment's and over 35 Pre, Para, Medical and Super specialties under one roof.

Quality of Care:

It follows prescribed curriculum of National Medical Commission and affiliating university with emphasis on quality practices for patient care and safety during didactic and clinical training session. It makes students to compulsorily undergo prescribed clinical training of mandated hours and didactic lectures. They will have interactive sessions on biomedical waste management, patient safety in wards and operation, prevention of hospital infection protocol, blood transfusion safety procedures, professional and ethical practices, patient communication skills, primary CPR techniques, computer skills and stress

management

First MBBS Students attend three days orientation programme "Foundation Course" at the start of their curriculum. Clinical departments professors explain ways and significance of quality care through hospital visits and demonstrations. Induction Training is held for newly recruited faculty, nursing and supportive staff involved in infection prevention and control practices.

Patient safety practices:

VMCH&RI has introduced practices that reduce the risk of adverse events related to exposure to medical care across a range of diagnoses or conditions as detailed below:

1. Prevention of Thrombosis

2. Prevention of infection

3. Use of appropriate antibiotics

4. Prevention of bedsores

5. Injection practices transfusion canula (bolus)

6.Prevention of patient falls while on Stretcher, Trolley, Wheelchair

7. Hospital staircase and Ramp

8. Side railing

9. obviating danger of Infant swapping

10. Prevention of unknown visitors

11.Prevention of nuisance of mosquitos and fly's

Infection Prevention Practices:

Department of Microbiology takes active part in infection control by regularly conducting safety measures training specially to interns, UG, PG, Nursing students in the from of theory lectures as well as hands on training. Safety measures such as prevention of needle stick injuries and post exposure prophylaxis are taught. Interns and residents are advised about internal and external quality assurance guidelines followed in Central Clinical laboratory in their lab postings.

Hand washing technique:

Hand washing technique & steps are emphasized for all those concerned with patient care. Charts, display material, social media awareness are used for infection prevention and control practices in our hospital.

Hepatitis B Vaccination:

At the time of admission, all undergraduate and postgraduate students are advised to have Hepatitis B Vaccination at the earliest and similarly the newly joined teaching and non- teaching staff.

Sterilization of all Wards and OT:

CSSD unit under department of Anesthesia is responsible for infection prevention and control practices for infection control.

COVD-19 Prevention:

In the era of COVID-19, the institution has introduced robust infection prevention and control practices for COVID-19 control and SOPs. Students are made aware of preventive, diagnostic and therapeutic aspects.

Hospital Infection Control Committee:

We have Hospital infection control committee under microbiology department.

Maximum efforts are made to ensure students exposed to good quality care and patient safety procedures including infection prevention and control practices.

File Description	Document
Any additional information	[View Document](#)
Link for Additional Information	[View Document](#)
Link for Documents pertaining to quality of care and patient safety practices followed by the teaching hospital	[View Document](#)

8.1.3

Average percentage of fulltime teachers who have acquired additional postgraduate Degrees/Diplomas/Fellowships beyond the eligibility requirements from recognized centers/universities in India or abroad. (Eg: AB, FRCS, MRCP, FAMS, FAIMER & IFME Fellowships, Ph D in Medical Education etc.)

Response: 3.29

8.1.3.1 Number of fulltime teachers with additional PG Degrees /Diplomas /Fellowships/Master Trainer certificate

2021-22	2020-21	2019-20	2018-19	2017-18
12	11	8	3	2

File Description	Document
Uploads for List of fulltime teachers with additional Degrees, Diplomas such as AB, FRCS, MRCP, FAMS, FAIMER/IFME Fellowships, Ph D in Medical Education etc during the last 5 years	[View Document](#)
Uploads for attested e-copies of certificates of postgraduate Degrees, Diplomas or Fellowships	[View Document](#)
Institutional data in prescribed format	[View Document](#)

8.1.4

The Institution has introduced objective methods to measure and certify attainment of specific clinical competencies by MBBS students/interns as stated in the undergraduate curriculum by the Medical Council of India

Response:

The efforts of the institution in the assessment of educational outcomes of its students:

a. Compatibility of education objectives and learning methods with assessment principles, methods and practices.

We make sure that educational objectives are aligned to teaching learning methods and assessment at all levels. Enough weightage is given to skills teaching and passing in practical is mandatory for clearing the examination. Learning objectives and competencies are defined and assessment methods are aligned to these learning outcomes.

b. Balance between formative and summative evaluations.

Weightage is given to day to day performance of the student and not just year-end summative performance. Three to six internal assessment examinations are carried out in each subject. Minimum 35% marks in these examinations are mandatory for appearing in final examination. A weightage from these marks of formative assessment are included in the summative assessment. Exact internal assessment scheme for each subject is given with the syllabus of each subject. In addition to part completion examinations, ward leaving examinations are carried out in clinical subjects.

Formative and summative examination formats include a section on long answer questions and other two sections of brief answer questions and very brief answer questions. Long answer questions are structured and not of essay type to maintain objectivity in marking. The internal assessment formats are a replica of

the summative examinations. In practical and viva each student gets exposed to at least four different examiners.

c. Formative (theory / orals / clinical / practical) internal assessment; choice based credit system; grading / marking.

Multiple examiners assess students during internal assessment, both in theory and practical, thereby improving the reliability of the examination. The marking scheme of the internal assessment is clarified in Annexure. A percentage of internal assessment marks are included in the final marks. The internal assessment records are regularly monitored by the university officials by on site checking of papers and records. There is no choice based elective system in MBBS.

d. Summative (theory / orals / clinical / practical)

Theory papers are assessed by university appointed assessors in central assessment programme. In practical, two internal and two external examiners assess each student in different aspects of subject. This eliminates bias and improves reliability of the examination.

e. Theory – structure and setting of question papers

Online question banks are maintained by departments and University for all three Sections. These are updated and validated at frequent intervals. Model answers are created and moderated for central assessment programme. Question paper sets are obtained from various assessors which makes sure that multiple sets of question papers are available and decreases chances of question paper leakage.

f. Objective Structured Clinical Examination (OSCE) and Objective Structured Practical Examination (OSPE).

OSCE and OSPE have been introduced in several departments for conducting formative assessments. University also encourages use of OSCE in assessment. Internal Vigilance Squad monitors examinations and takes measures to avoid malpractice. It is headed by Dr Mahesh Krishna (Professor and HOD, Forensic medicine). So far, no cases of malpractice have been reported.

File Description	Document
Geotagged photographs of the objective methods used like OSCE/OSPE	[View Document](#)
Any additional information	[View Document](#)
Link for Additional Information	[View Document](#)
Link for Report on the list and steps taken by the College to measure attainment of specific clinical competencies by the MBBS students/interns stated in the undergraduate curriculum during the last five years	[View Document](#)

8.1.5

Instructional sessions for students introduced by the College on the Medical, Legal, Ethical and Social Issues involved in organ transplantation.

Response:

Organ transplantation is an important medical advance and a lifesaving procedure for many incurable diseases.It's a surgical operation where a failing / damaged organ in human body is replaced with a new one. It's found that awareness about this medical procedure is very limited in general publicand also medical fraternity. VMCH&RI conducts instructional sessions in all the issues connected with it for the benefit of students in accordance with the established State/ National level policies pertaining to retrieval, storage and transplant of human organs for therapeutic purposes.

Sensitization regarding organ donation,transplantation, procedure, inherent benefits and challenges is done from 1st year MBBS itself. Mention of green corridor for transportation of organs is also made. Normally this is taught as a part of forensic medicine and toxicology paper of MBBS course.However, this topic is not considered to be of great relevance. Its pertinent to note that medical students need to be sensitized about it.

Clinical departments, affirm usefulness of organ transplantation, legal and ethical issues during lecture sessions. Other social issues such as biases and beliefs are also explained.

Department of Medicine conducts lectures on renal or kidney transplantation, and liver transplantation.

Pathology department educate students about bone marrow transplantation and blood donation. Ophthalmology department celebrates eye donation campaigns and has well established eye bank. It conducts programs for enlightening   UG students about corneal transplantation.

Bioethics unit to Students are sensitized on bioethics issues with regard to organ transplantation. Department of Anatomy conducts guest lectures on organ donation.

Department of community medicine espouses the cause of organ donation during its community outreach programs. Students instructional sessionslays emphasis on medical, legal, ethical, and social issues related to organ transplantation.

Medical issues

- Various types of organ donations in vogue, such as kidney, heart, liver, lung and pancreas and inherent issues.
- Compatibility issues between donor and recipient.
- Ensuring medical and mental fitness of both donor and donee.
- Post-transplant organ rejectionand measures toovercome.

Legal issues

- Elaboration on THOTA Act.

- National laws relevant to organ transplantation and adherence.
- removal of organs without legal heir consent in public morgues and thefts of body parts.
- Proper upkeep of donor registry.

Ethical issues

- Issues related to unrelated donors, deceased donor etc.
- Regenerative medicine and inherent ethical challenges.

Social issues

- Racial, gender and class inequalities prevailing in society giving rise to sale of organs, is a cause of concern to be mitigated fast.
- Innate public tendency and disinterest in organ donation. The feel, it can be bought easily.
- Organ donation from third world to first world, poor to rich, black to white, female to male, from prison or shanty to rich.
- Debt enslavement leads to selling of organs.
- Addicted husbands forcing their spouses to donate for their personal gains.
- High cost of organ transplantation.
- VMCH&RI has been selected as best hospital for organ transplants by DGHS, Ministry of family & health services. It drives home the point of organ transplantation to students through numerousinstructional sessions.

File Description	Document
Any additional information	[View Document](#)
Link for Additional Information	[View Document](#)
Link for Report on the teaching sessions on medical, legal, ethical and social issues involved in organ transplantation	[View Document](#)
Link for National/State level policies on organ transplantation as adopted by the Institution	[View Document](#)

8.1.6

Students are exposed to the organization and operational features of the Immunization Clinic functioning in the hospital as per WHO guidelines for childhood immunization.

Response:

Departments of Paediatrics and Community Medicine work in tandem to improve vaccination coverage to children in and around Madurai.

Velammal Immunisation clinic is functioning in Department of Paediatrics, ground floor OPD since inception of college. VMCH&RIprovides free vaccine, procured from Chinthamani PHC every Wednesday and also special vaccine given every day.

- **Exposure of students to organization of Immunization Clinic:**

Every year around 150 undergraduate and 2 post graduate students attend clinical & theory classes in Paediatric department.

Undergraduates have a separate theory class on principles& practices of immunisationin Final Year – Part I. Special teaching programmes and PG seminars are conducted regularly toeducate students about changing immunisation policies.

- **Exposure of students to operational features of Immunization Clinic:**

During clinical postings, students have separate sessions on immunisation days to inculcate techniques of vaccination, assist nurses during injection administration.One-week trainingschedule is allotted regarding vaccination during CRRI period.Hands on training on administering vaccines in different routes (im/sc/oral) and monitoring adverse effects of vaccination.

Postgraduate students aretrained by consultant in charge about decision making for immunisation & vaccine administration technique, every Wednesday.

Steps followed in Immunization clinic:

Inborn babies in VMCH&RI are given routine vaccines as per national immunisation schedule on second day of life unless contraindicated and advised to attend well baby clinic on follow-up visits. Thereafter advised to visit immunisation clinic for due vaccines.

Out born babies vaccination status assessedat pediatric OPD and referred to vaccination clinic for their due vaccines.

All babies attending immunisation clinic are provided with immunisation charts (updated frequently as per National Immunisation schedule & IAP immunisation schedule yearly).

In immunization clinic, every child is assessed for:

- Nutritional assessment of children under five years of age.
- Detailed medical history regarding all vaccines administered, drug allergies & AEFI.

Immunisation clinic is equipped with two large refrigerators with servo control for maintaining cold chain.Aroundfifty children of varied age groups are vaccinated every week.Vaccine storage, administration and post injection monitoring is done as per WHO guidelines byquality control team of VMCH&RI.

Quality maintenance record:

Record keeping of vaccines details is done by nursing staff and vaccinator.

Post vaccination advice, common helpline numbers, emergency medical service provider's numbers details are provided.

Performance of Immunisation clinic is reviewed by expert committee at regular intervals.

Clinic Organisation:

Head: Prof. Dr.G.Mathevan, HO, Dept of paediatrics – incharge for immunisation clinic and institutional immunisation policy.

Deputy Incharge: Prof. Dr.S.Natarjarathinam –incharge for monitoring & management of AEFI.

Consultant Incharge: Dr.Karthikraj – supervises functioning of immunisation clinic

Mrs.Mangai – ANM incharge for procuring & maintaining vaccine stockrecords and quality control aspects.

Quality Control:

- Temperature monitoring.
- Proper maintenance of Stock register and Patient register.
- AEFI register- Ready corner for anaphylaxis management with all emergency drugs & resuscitation things available round the clock.
- Safe biomedical waste disposal system.
- Educational displays in immunisation clinic.

Students and interns are exposed to Immunization Clinic on an ongoing basis at our hospital.

File Description	Document
Any additional information	[View Document](#)
Link for report on the teaching sessions carried out on the relevance and operational features of the Immunization clinic	[View Document](#)
Link for report on the functioning of the Immunization Clinic	[View Document](#)
Link for quality maintenance records in compliance with WHO guidelines during the preceding academic year	[View Document](#)

8.1.7

The College has adopted methods to define and implement Medical graduate attributes with a system of evaluation of attainment of the same.

Response:

Medical Graduate Attributes:

Attributes of a Medical Graduate play a prominent role today in view of varied concerns of community at large in treatment of their near and dear ones. These are attained by going beyond curriculum/technical knowledge as prescribed affiliating University. Doctors need to have proper Knowledge, Clinical Skills, Communication, attitude, Inter- Professional behavior commensurate with societal medical needs and enhance their diagnostic capability.

NMC has explained medical graduate attributes in coherence with CBME recommendations so as to make Indian Medical Graduates capableof donning the following roles effectively on completion of MBBS Course.

- **Clinician:** provides holistic comprehensive care with compassion.
- **Leader/member of health care team:** equipped with required capabilitiesworks individually and in team effectively, duly respecting colleagues'diverse responsibilities in primary as well as secondary health care.

- **Lifelong learner:** upskilling capabilities coupled with its application ushers in proper health care.
- **Professional:** being the most competent doctor maintains professional boundaries between patients, colleagues and society to arrive at desired level in health care.

Medical Education Unit in collaboration with curriculum committee has prescribed learning objectives, methods of implementation and assessment. Implementation of this processin accordance with academic calendar is monitored for attainment ofdesired outcomes.

Departments conduct Periodical review and submit to IQAC.It identifies opportunities and challenges both internal and external to organization and suggest remedial measures to obviate grey areas if any. Graduateattributes cumulatively echo institutional determination toprovide a distinctive learning environment.

Appropriate gradual teaching learning methods are deployed in an integrated manner to attain medical attributes. VMCH&RI conducts Regular orientation programs, didactic lectures, role plays, group discussions, clinical postings, Skills lab training, health education sessions, national programs, CMEs, video demonstrations for accomplishment of competencies. These measures help students in attainment of academic goals apart from great personal improvement.

Skills of the students are fostered through Skill based training, OSCE, OSPE and other programs such as BLS, ACLS and Basics of Mechanical Ventilation etc. Mandatory participation of students in seminars, tutorials, poster or model competitions enhances Communication Skills. Didactic lectures cover topics of

Professionalism and ethics invariably. Evaluation process for the attainment of these attributes is uniform.

Assessment of Medical Graduate Attributes:

- Internal examinations in theory and practical held regularly. Preliminary examination at the time of completion of every phase also conducted.
- During internal and University examination laboratory record books/ Logbooks are certified to assess learning competencies.
- Students are provided with an opportunity of not only knowing their academic performance but also of their feedback. It helps in analysis of performance and to measure attainment of competencies.
- Students' overall performance in internals and University examination of all subjects are assessed to determine accomplishment of competencies. IQAC reviews and recommends remedial measures for Poor performance students.
- Hospital postings of students in skill lab, especially operation theatres, critical care and emergency department aids in ascertaining their level of attainment in comprehensive, analytical and synthesis abilities.

Community Medicine Interns attain proper capabilities to manage individual patients / local area cumulatively in any special medical programs.

File Description	Document
Any additional information	[View Document](#)
Link for Additional Information	[View Document](#)
Links for Medical graduate attributes as described in the website of the College	[View Document](#)

8.1.8

Activities of the Medical Education Unit of the College in conducting a range of Faculty Development Prgrammes in emerging trends in Medical Educational Technology.

Response:

Velammal medical Education unit was established in the year 2014, with few members who were passionate about the cause of medical education. Only one member was trained at the Nodal centre at Sree Ramachandra Medical University Porur Chennai with the trainer of trainer course and Basic course workshop in Medical Education Technologies. Currently the Velammal medical Education unit has been allocated to MCI Regional Centre for Medical Education at JIPMER Pondicherry.

At present the unit has 12 Members all have been trained at Regional Centre in ATCOM and Revised Basic course workshop. 7 members have finished one year "Advanced Course in Medical Education' from MCI. One member is currently undergoing the advanced course. One member is undergoing

FAIMER. 6 members have undergone CISP workshop at the regional Center for the implementation of CBME.

The Medical Education Unit is active throughout the year. Three basic course workshops have been completed at our center, out of which two were Revised Basic Course Workshop. Three Module Based Research methodology courses were successfully conducted for three days spanned over three months period. During the end of May 2019, we have successfully completed CISP workshop under the aegis of JIPMER Pondicherry which is the MCI regional center for Medical Education. A basic workshop in the use of power point technique was conducted as part the faculty development program. Student oriented programs by the MEU includes Integrated teaching programs and CISP for fresh MBBS students. There are also collaborative activities with other departments for example Bioethics unit. Some research projects are underway in Medical education, a few have been published.

The MEU plans to upgrade Velammal MEU to Velammal Department of Medical Education and upgrade MCI Regional center for Medical Education in the near future.

It imparts nuances of training process and assessment of highest quality in various FDPs so as to provide quality and learner centric environment. Itincludes recent advancement in medical sciences so as to keep abreast with rapid advancement in teaching technology. MUI empower faculty in innovative ideas in educating and evaluation techniques. It helps in developing information and clinical abilities needed to Faculty and researchers. It enables clinicians with competency in conduct and update abilities of information using data and research methodology tools

MEU conducts following workshops on regular basis as part of FDP:

- Basic course in teaching Technology.
- Revised basic course
- Curriculum implementation support.
- Skill lab training module workshop
- value added courses if any
- Basic teaching technology for trainers.
- Conducting power point presentation.
- Training workshop on AETCOM implementation
- Innovative assessment tools for measuring competencies and medical attributes.
- Training workshop for teachers on online teaching methods
- Training workshop for optimum utilization of Google extensions for teaching, assessment and surveys
- Review of Google Scholar and application in teaching /research activities.
- Training workshop on development of e-content for orientation of various e-platforms for use in online teaching learning process.
- Periodically workshops and training sessions have been organized by MEU organise workshops for small group of students on skill learning, and clinical skills.

File Description	Document
Any additional information	[View Document](#)
Link for Year-wise list of teachers who participated in the seminars/conferences/ workshops on emerging trends in Medical Educational technology organized by the MEU of the College during the last five years	[View Document](#)
Link for List of seminars/conferences/workshops on emerging trends in Medical Educational Technology organized by the MEU yearwise during the last five years	[View Document](#)
Link for Additional Information	[View Document](#)

Other Upload Files	
1	[View Document](#)

8.1.9

Is the teaching hospital / clinical laboratory accredited by any National Accrediting Agency?

    1. **NABH Accreditation of the teaching hospital**
    2. **NABL Accreditation of the laboratories**
    3. **ISO Certification of the departments / divisions**
    4. **Other Recognized Accreditation / Certifications**

Response: B. Any three of the above

File Description	Document
Institutional data in prescribed format	[View Document](#)
Any additional information	[View Document](#)
Links for e-copies of Certificate/s of Accreditations	[View Document](#)

8.1.10

Average percentage of first year students, provided with prophylactic immunization against communicable diseases like Hepatitis-B during their clinical work in the last five years.

Response: 100

8.1.10.1 Number of first year students, provided with prophylactic immunization against communicable diseases like Hepatitis-B during their clinical work in the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
190	185	150	150	150

8.1.10.2 Number of first year Students addmitted in last five years

2021-22	2020-21	2019-20	2018-19	2017-18
190	185	150	150	150

File Description	Document
Uploads for List of students, teachers and hospital staff, who received such immunization during the preceding academic year	View Document
Upload for Policies documents regarding preventive immunization of students, teachers and hospital staff likely to be exposed to communicable diseases during their clinical work	View Document
Institutional data in prescribed format	View Document

8.1.11

Steps/procedures adopted by the College to expose students to contemporary medico-legal practices and third-party payers/insurance mechanisms, indemnity insurance protection etc. relevant to the clinician/provider as well as the patient/recipient.

Response:

Medical field is evolving continuously. Adherence to Ethical standards at all times in medical profession has become a challenging one. Lack of knowledge in medico legal aspects will have disastrous consequences and hinder delivery of medical services to patients. Hence it has become imperative for doctors to keep abreast with medico legal issues.

VMCH &RI has separate medico-legal unit under Department of Forensic Medicine & Toxicology. It exposes students to medico legal aspects of all specialties and other related issues quite early.

MEU in co-ordination with Curriculum committee arranges class by Department of Forensic Medicine & Toxicology on Medico-legal aspects for 1st MBBS students during their orientation programme itself.

Similarly, contemporary medico legal practices are introduced to2nd&3rdyear MBBS students in their

theory and practical classes.

Students are appraised about detailed procedure of issuing of certificates of MLCs, record keeping and retrieving which have far reaching legal consequences during their orientation course, casualty postings and in Forensic Medicine practical's. They are made aware about importance of noting identification marks, signatures or thumb impression of the patient on it. Students are instructed to keep copy of certificate. In any eventuality it has to be produced before court of law to attest its correctness.

Medico-legal unit holds reviews of current practices on a regular basis and

Educates UG/PG students through various certificate courses

Students are trained elaborative on:

·   Obtaining consent in medical practice.

·   Relevant rules for obtaining informed consent.

·   Documentation of MLCs and filling of gaps.

·   Unethical/unprofessional behavior in medical practice/laws related to it.

·   Prescription writing and practice of rational medicine.

·   Rights of patients for information, consent and to choose a doctor.

·   Comprehensive information about Medical Ethics, NMC, Medical Negligence, Act of Omission and Commission.

·   Medico legal responsibilities/ issues of medical practitioners/ physicians

·   Anesthetic /gynecological concerns.

·   Probable malpractices in insurance policy.

·   Medical records and related legal aspects

·   Biomedical research ethical guidelines

·   Hospital waste management and medical tourism

Third Party Administration

Medical superintendent office handles TPA modalities, enables smooth resolution of all claims from the hospital. Students are appraised about TPA procedures and system of cashless hospitalization. They are also informed about any modification in documentation/legal updates. Didactic lectures cover in detail about procedures in errors and negligence. MLCs on compensation are explained in various seminars by quoting live cases.

VMCH&RI ensure faculties are aware of personal Medical Indemnity Insurance plans. Management is providing indemnity cover for all its practicing Doctors in the Hospital sector. It collaborates with various banks and local medical associations for competitive personal medical indemnity insurance plans. UG/PG students are enlightened about need for Medical Indemnity. Medical indemnity insurance forms an integral part of UG teaching programme and upgraded vide CBME curriculum. They are sensitized in indemnity insurance policies, Consumer Protection Act, necessity of indemnity insurance, procedures and benefits of insurance in class room teaching /clinical case discussion.

Students are espoused to attend clinical society meetings and enroll in IMA students' wing. They get knowledge as mentioned above so as be able to handle cases independently with absolute confidence.

File Description	Document
Any additional information	[View Document](#)
Links for Policy documents regarding relevant laws, insurance policies medical indemnity insurance cover for the clinical faculty	[View Document](#)
Link for Additional Information	[View Document](#)
Links for list of clinical faculty covered by medical indemnity insurance policy by the Institution	[View Document](#)

5. CONCLUSION

Additional Information :

The medical college in addition to complying the Medical Education, Healthcare Services and Research requirement as per the regulatory guidelines, also provides advanced tertiary health care services through 21 departments .

The super specialties are providing the most needed advanced tertiary health care services and has acquired several distinguished awards and recognitions.

The institution is unique in conveying a message of national integrity through multiple religions at single place by constructing a Temple, Mosque and Church on the campus.

Concluding Remarks :

The VMCH &RI health educational system , has very well defined vision ,mission and also practicing Competency Based Medical Education and Outcome Based Education. OBE is being practiced through defining and monitoring the attainment of program out comes , course outcomes and their monitoring in the direction of vision and mission achievements.

Continuous improvement is being monitored at all the levels of the system that is input, process and outcomes.

6.ANNEXURE

1.Metrics Level Deviations

Metric ID	Sub Questions and Answers before and after DVV Verification

1.2.1	Percentage of inter-disciplinary / inter-departmental courses /training across all the Programmes offered by the College during the last five years
	
	    1.2.1.1. Number of inter-disciplinary /inter-departmental courses /training offered during the last five years
	        Answer before DVV Verification : 162
	        Answer after DVV Verification: 86
	    1.2.1.2. Number of courses offered by the institution across all programs during the last five years
	        Answer before DVV Verification : 207
	        Answer after DVV Verification: 86
	
	    Remark : DVV has made necessary changes in 1.2.1.1 and values have been downgraded due to repetitive course count.

1.3.2	Number of value-added courses offered during the last five years that impart transferable and life skills.
	
	    1.3.2.1. Number of value-added courses offered during the last five years that impart transferable and life skills.
	        Answer before DVV Verification : 33
	        Answer after DVV Verification: 17
	
	    Remark : DVV has made changes as per the report shared by HEI

2.1.1	Due consideration is given to equity and inclusiveness by providing reservation of seats to all categories during the admission process.
	
	Average percentage of seats filled against seats reserved for various categories as per applicable reservation policy during the last five years
	
	    2.1.1.1. Number of students admitted from the reserved categories as per GOI or State Government norms year-wise during last five years
	        Answer before DVV Verification:
	
	{table1}
	
	        Answer After DVV Verification :
	
	{table2}
	
	    2.1.1.2. Number of seats earmarked for reserved categories as per GOI or State Govt. norms year-wise during the last five years

table1:

2021-22	2020-21	2019-20	2018-19	2017-18
86	83	66	66	66

table2:

2021-22	2020-21	2019-20	2018-19	2017-18
85	82	66	66	66

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
86	83	66	66	66

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
86	83	66	66	66

Remark : DVV has made changes as per the report shared by HEI

2.2.1	The Institution assesses the learning levels of the students, after admission and organises special Programmes for advanced learners and slow performers The Institution: 1. Follows measurable criteria to identify slow performers 2. Follows measurable criteria to identify advanced learners 3. Organizes special programmes for slow performers 4. Follows protocol to measure student achievement Answer before DVV Verification : A. All of the above Answer After DVV Verification: B. Any three of the above Remark : DVV has made changes as per the report shared by HEI
3.3.1	The Institution ensures implementation of its stated Code of Ethics for research. The Institution has a stated Code of Ethics for research, the implementation of which is ensured by the following: 1. There is an Institutional ethics committee which oversees the implementation of all research projects 2. All the projects including student project work are subjected to the Institutional ethics committee clearance 3. The Institution has plagiarism check software based on the Institutional policy 4. Norms and guidelines for research ethics and publication guidelines are followed Answer before DVV Verification : A. All of the above Answer After DVV Verification: C. Any 2 of the above Remark : DVV has made changes as per the report shared by HEI
3.4.1	Total number of extension and outreach activities carried out in collaboration with National and International agencies, Industry, community, Government and Non-Government organizations engaging NSS / NCC / Red Cross / YRC / Institutional clubs etc. during the last five years.

3.4.1.1. Number of extension and outreach activities carried out in collaboration with National and International agencies, Industry, community, Government and Non-Government organizations engaging NSS/NCC/Red Cross/YRC/Institutional clubs etc. during the last five years.

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
48	4	6	12	14

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
47	4	6	12	09

Remark : DVV has made changes as per the report shared by HEI

4.1.4

Average percentage of expenditure incurred, excluding salary, for infrastructure development and augmentation during the last five years

4.1.4.1. *Expenditure incurred, excluding salary, for infrastructure development and augmentation year-wise during the last five years* (INR in lakhs)

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
1958	1754.47	3632.44	5198.49	8158.13

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
483.06	435.84	441.13	584.73	369.06

Remark : DVV has made changes as per the report shared by HEI.

4.2.4

Availability of infrastructure for community based learning

Institution has:

1. Attached Satellite Primary Health Center/s
2. Attached Rural Health Center/s other than College teaching hospital available for training of students
3. Residential facility for students / trainees at the above peripheral health centers / hospitals
4. Mobile clinical service facilities to reach remote rural locations

Answer before DVV Verification : A. All of the above
Answer After DVV Verification: B. Any three of the above
Remark : DVV has made changes as per the report shared by HEI

4.3.3

Does the Institution have an e-Library with membership / registration for the following:

1. e – journals / e-books consortia

2. E-Shodh Sindhu

3. Shodhganga

 4. SWAYAM

5. Discipline-specific Databases

Answer before DVV Verification : A. All of the above
Answer After DVV Verification: B. Any four of the above
Remark : DVV has made changes as per the report shared by HEI

4.5.1	Average Expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component, as a percentage during the last five years

4.5.1.1. Expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component year-wise during the last five years (INR in lakhs)

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
975.58	880.41	971.35	1087.81	796.53

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
319.79	293.64	353.15	332.38	289.67

Remark : DVV has made changes as per the report shared by HEI.

5.2.2	Average percentage of placement / self-employment in professional services of outgoing students during the last five years

5.2.2.1. Number of outgoing students who got placed / self-employed year- wise during the last five years

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
13	2	0	1	0

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
0	1	0	0	0

Remark : DVV has made changes as per the report shared by HEI. Not provided sufficient

	supportings
5.3.1	Number of awards/medals for outstanding performance in sports/cultural activities at State/Regional (zonal)/ National / International levels (award for a team event should be counted as one) during the last five years.

5.3.1.1. Number of awards/medals for outstanding performance in sports/cultural activities at State/Regional (zonal)/National / International levels (award for a team event should be counted as one) year-wise during the last five years .

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
6	0	37	14	8

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
5	0	15	11	4

Remark : DVV has made changes as per the report shared by HEI

5.3.3	Average number of sports and cultural activities/competitions organised by the Institution during the last five years

5.3.3.1. Number of sports and cultural activities/competitions organised by the Institution year-wise during the last five years

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
67	0	19	21	19

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
06	0	01	05	01

Remark : DVV has made changes as per the report shared by HEI

6.3.2	Average percentage of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the last five years

6.3.2.1. Number of teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies year-wise during the last five years

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
102	8	35	22	16

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
102	8	35	20	14

Remark : DVV has made changes as per the report shared by HEI

6.3.4	Average percentage of teachers undergoing Faculty Development Programmes (FDP) including online programmes (Orientation / Induction Programmes, Refresher Course, Short Term Course etc.) during the last five years.. 6.3.4.1. Number of teachers who have undergone Faculty Development Programmes including online programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course and any other course year-wise during the last five years Answer before DVV Verification: 	2021-22	2020-21	2019-20	2018-19	2017-18
168	124	121	102	70 | Answer After DVV Verification : | 2021-22	2020-21	2019-20	2018-19	2017-18
05	08	06	01	01 | Remark : DVV has made changes as per the report shared by HEI. Only Programs more than 5 days have been considered
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7.1.3	The Institution has facilities for alternate sources of energy and energy conservation devices 1. Solar energy 2. Wheeling to the Grid 3. Sensor based energy conservation 4. Biogas plant 5. Use of LED bulbs/ power efficient equipment Answer before DVV Verification : D. Any two of the above Answer After DVV Verification: C. Any three of the above Remark : DVV has made changes as per the report shared by HEI
8.1.3	Average percentage of fulltime teachers who have acquired additional postgraduate Degrees/Diplomas/Fellowships beyond the eligibility requirements from recognized centers/universities in India or abroad. (Eg: AB, FRCS, MRCP, FAMS, FAIMER & IFME

Fellowships, Ph D in Medical Education etc.)

8.1.3.1. Number of fulltime teachers with additional PG Degrees /Diplomas /Fellowships/Master Trainer certificate

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
1	3	5	1	2

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
12	11	8	3	2

Remark : DVV has made changes as per the report shared by HEI

2.Extended Profile Deviations

ID	Extended Questions
1.1	Number of full time teachers year-wise during the last five years Answer before DVV Verification: <table><tr><td>2021-22</td><td>2020-21</td><td>2019-20</td><td>2018-19</td><td>2017-18</td></tr><tr><td>207</td><td>204</td><td>215</td><td>233</td><td>253</td></tr></table> Answer After DVV Verification: <table><tr><td>2021-22</td><td>2020-21</td><td>2019-20</td><td>2018-19</td><td>2017-18</td></tr><tr><td>205</td><td>200</td><td>211</td><td>233</td><td>248</td></tr></table>
2.1	Total Expenditure excluding salary year-wise during the last five years (INR in Lakhs) Answer before DVV Verification: <table><tr><td>2021-22</td><td>2020-21</td><td>2019-20</td><td>2018-19</td><td>2017-18</td></tr><tr><td>11248</td><td>9108.93</td><td>10777.2</td><td>9293.84</td><td>9081.1</td></tr></table> Answer After DVV Verification: <table><tr><td>2021-22</td><td>2020-21</td><td>2019-20</td><td>2018-19</td><td>2017-18</td></tr><tr><td>11247.5</td><td>9108.91</td><td>10777.30</td><td>9293.93</td><td>9081.20</td></tr></table>