

ANNUAL REPORT 2019 - 2020



VELAMMAL MEDICAL COLLEGE
HOSPITAL AND RESEARCH INSTITUTE

Velammal Medical College Hospital & Research Institute

Mission

Ensure that all the patients easily receive the benefits of excellent medical treatment and care by continuously assessing and improving the quality of health care, the nature of service and dedication of staff.

Vision

To build a healthy society, of sound body, mind and spirit through quality education and healthcare of global standards. To make these pillars of society affordable and easily accessible to one and all, thus securing the moral and physical well being of generations to come.



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Annual Report - 2019-2020

LEADING BY EXAMPLE



A shining beacon of light, Smt. Velammal faced life courageously and with uncommon grace. Despite being struck by loneliness, poverty and an insecure future at a very early age, her spirit remained indomitable. With unshakable faith, relentless hard work and indefatigable cheer and compassion towards others, she created a home filled with joy and virtue. Her memory has been immortalised by her son, Shri. Muthuramalingam, who built a legacy in her name – one that illuminates a path for future generations and heals all who are touched by it. Velammal lives on.

Every great leader is driven by a force greater than them. Fuelled by a vision that is clearly imprinted on their minds, they tread resolutely ahead with conviction and passion. The best among them do not tread alone; they inspire others to journey with them.

Smt. Velammal Avargal was one such guiding light to her distinguished son, Shri. Muthuramalingam.

The righteous dignity with which she conducted her life and worked towards the wellbeing of society served as the inspiration for her young son and moulded him into the esteemed leader he is today. Such was the influence and wisdom she imparted, that he went on to spread her light far and wide. Shri Muthuramalingam built a legacy honouring his mother's ethics and the values of service and equality that she held dear. It is visibly embodied in schools and educational institutes that shape young minds into future leaders and innovators.

Her compassion is reflected in the advanced and affordable healthcare offered by the Velammal Hospital and the affiliated schools of medical education that prepare compassionate healthcare workers who will secure the health and future of generations to come.

CHAIRMAN'S MESSAGE



Some people are destined for greatness, no matter how humble their beginnings. Shri. M. V. Muthuramalingam is one such shining example. His mother's poignant words and his life experiences taught him to never give up. No matter what challenge life placed in his path, he has always approached it head on and was driven to achieve greater heights. This admirable perseverance was displayed early in childhood, having faced adversity after adversity. He pursued a degree in engineering, overcoming the challenges of his rural upbringing and he single-handedly established one of South India's most prestigious group of educational institutions. His dogged determination, courageous enthusiasm and pursuit of excellence is legendary and an inspiration to all who follow his journey.

"When it comes down to the brass tacks, where does the wealth of any society lie? It is in the health and well-being of its people. In all my years of experience, I learnt one very simple yet very significant lesson. The need of society is like an ocean and the services we render are mere drops. The Velammal Hospital was established keeping this ideal in mind. Our fees are 30% lower than the best hospitals and no unnecessary investigations are carried out. Our doctors are driven by compassion and excellence to duty, not targets and our priority is always first and foremost towards our patients.

Hence our motto - "Patient First"
- Shri. M.V. Muthuramalingam

To shaping Minds to Healing Bodies



The Velammal Group has a rich legacy of serving society. This virtuous vision had humble beginnings, with a small school in Mogappair, catering to 183 students with a meager 13 dedicated staffs.

Over the years it has thrived under the watchful guidance of its founder, innovative and success-oriented ideas and has grown into the Velammal Group of Institutions. It is managed by the Velammal Education Trust (VET), Veeramakali Memorial Welfare Trust (VMWT) & Ramana Educational Trust (RET). The group comprises of over 52 schools and 3 Engineering colleges synonymous with quality education and high standards of teaching.

Furthering this illustrious legacy is the Velammal Hospital, The Medical College and Research Institute, School & College of Nursing and College of Allied Health Sciences. Established with the aim to provide world-class healthcare services to all, unparalleled patient care by highly skilled doctors and medical staff. The Velammal Group is determined to make Madurai a hub of medical expertise, led by a highly service oriented culture and values that promote excellence in all spheres.

1986

Velammal Matriculation School
Mugappair East, Chennai.

Velammal Matric. Hr. Sec. School
T.S. Krishna Nagar, Mugappair, Chennai.

1991

Velammal Matric. Hr. Sec. School
Block No. 7, Mugappair West, Chennai.

1994

Velammal Matric. Hr. Sec. School
Thiruppuvanam, Sivagangai District.

1995

Velammal Engineering College
Velammal New-Gen Park, Surapet, Chennai.

2000

Velammal Matric. Hr. Sec. School
Velammal New-Gen Park, Surapet, Chennai.

2003

Velammal Matric. Hr. Sec. School
Velammal Knowledge Park, Panchetti, Chennai.

2004

The Velammal International School
Velammal Knowledge Park, Panchetti, Chennai.

2006

Velammal Matric. Hr. Sec. School
Madurai - Rameshwaram High Road,
Viraganoor, Madurai.

2008

Velammal Institute of Technology
Velammal Knowledge Park, Panchetti, Chennai.
Velammal Vidyalaya
Mel Ayanambakkam, Chennai.
Velammal Matric. Residential School
Ladanendal, Sivagangai District
RVK - The Velammal Future School
Venkateshwara Nagar, Ambattur, Chennai.
Velammal Sports School of Excellence
Velammal New Gen Park, Surapet, Chennai.

2009

Velammal Bodhi Campus
Velammal Knowledge Park, Panchetti, Chennai.

2010

Velammal Vidyalaya
Velammal Village, Anuppanadi, Madurai

Velammal Matriculation School
Muthuthevan Patti, Theni

2011

Velammal Vidyalaya
Kakkavadi, Karur
Velammal Matriculation School
Kakkavadi, Karur
Velammal School of Excellence
Velammal New Gen Park, Surapet, Chennai.
Velammal Vidyashram
Velammal New Gen Park, Surapet, Chennai.
Velammal School of Excellence
Velammal Village, Anuppanadi, Madurai

2012

Velammal Medical College Hospital
& Research Institute
Velammal Village, Anuppanadi, Madurai

BOARD OF TRUSTEES



Shri. M. V. Muthuramalingam

Chairman,
Velammal Educational Trust

“Healthy living is the fundamental right of every human being. It is our duty to ensure that quality healthcare is within reach of the common man. After all, a healthy society is a wealthy one”



Shri. M.V.M. Velmurugan
CEO,

Velammal Educational Trust

“Healthcare is an ever evolving field. The sign of a progressive society is one that is open to growth. Therefore, it is vital to stay at the forefront using the latest in technological advancements, without losing sight of what’s important – compassion.”



Shri. M.V.M. Velmohan
Correspondent,

Velammal Educational Trust

“The Velammal Group has set the bar high for education and now, healthcare. While it is a proud achievement for us, it is also a responsibility to ensure that the standards are always upheld, by constantly improving our services, facilities and infrastructure.”



Shri. M.V.M. Sasi Kumar
Director,

Velammal Educational Trust

“Any meaningful change in society must begin at the roots. The same applies to medical care as well. To build a healthy society, we must begin by making quality medical care available to all. This is where our endeavour begins.”

LEADERSHIP TEAM

Shri. M.V. Muthuramalingam
Chairman, Velammal Educational Trust

Dr. R. M. Rajamuthaiah
Dean
Velammal Medical College
Hospital and Research Institute

Er. R. Manivannan
CAO
Velammal Medical College
Hospital and Research Institute

Dr. S. Somasundaram
Medical Superintendent
Velammal Medical College
Hospital and Research Institute

Dr. P. K. Mohanty
Vice Principal
Velammal Medical College
Hospital and Research Institute

Medical Education Unit

S.No	Name of the faculty	Designation
1	Dr. R. M. Rajamuthaiah	Head, Dean
2	Dr. S. John Rajpathy	MEU Co-ordinator
3	Dr. S. Muthuramalingam	Co-ordinator - Clinical
4	Dr. P. K. Mohanty	Member
5	Dr. S. Nataraja Rathinam	Member
6	Dr. Raj Kishore Mahato	Member
7	Dr. Rathna Ramamurthy	Member
8	Dr. P. Sasikala	Member
9	Dr. K. Suganthi	Member
10	Dr. K. Yegamuthu	Member
11	Dr. S. B. Rena Rosalind	Member
12	Dr. K. Jeyashree	Member
13	Dr. TrupthuBhodhare	Member
14	Dr. R. Ramesh	Member

Curriculum Committee

S.No	Name of the faculty	Designation
1	Dr. R. M. Rajamuthaiah	Chairperson
2	Dr. P. K. Mohanty	Co - Chairperson
3	Dr. S. John Rajpathy	MEU Co - ordinator
4	Dr. Raj Kishore Mahato	Member - Paraclinical
5	Dr. K. Suganthi	Member - Preclinical
6	Dr. S. B. Rena Rosalind	Member - Medical
7	Dr. R. Ramesh	Member

Faculty Development Committee

S.No	Name of the Faculty	Designation
1	Dr.R. M. Rajamuthaiah	Chairperson
2	Dr. S. John Rajpathy	MEU Co-ordinator
3	Dr. S. Muthuramalingam	Co-ordinator - Clinical
4	Dr. S. Nataraja Rathinam	Member
5	Dr. P. Sasikala	Member
6	Dr. K. Yegamuthu	Member
7	Dr. K. Jeyashree	Member

Research Advisory Committee

S.No	Name of the Faculty	Designation
1	Dr.R. M. Rajamuthaiah	Chair person Dean
2	Dr. Jancy Charles	Co-ordinator Department of Microbiology
3	Dr. S. Anu	Co-ordinator Department of Physiology
4	Dr. M. Virgin Joena	Member Department of General Medicine
5	Dr. S. Nataraja Rathinam	Member Department of Paediatrics
6	Dr. Kavitha	Member Department of Neurology
7	Dr. Vijay Pradap	Member Department of ENT
8	Mr. Vijay Anto	Member, Statistician Department of Community Medicine

Institutional Ethics Committee

S.No	Name of the faculty	Designation
1	Dr BKC Mohan Prasad	Chairperson
2	Dr Raj Kishore Mahato	Member Secretary
3	Dr Chandrasekaran	Member - Clinician
4	Dr Muthuramalingam	Member - Clinician
5	Dr K. Sasikala	Member - Clinician
6	Dr Trupti Bodhare	Member - Basic Medical Scientist
7	Dr. K Suganthi	Member - Basic Medical Scientist
8	Mrs Usha Rani Patnaik	Member - Social Scientist
9	Mr M Krishnamoorthy	Member - Lawyer
10	Mr M Murugesan	Member - Layperson representative

Institutional Animal Ethics Committee

S.No	Name of the faculty	Designation
1	Dr. R. M. Raja Muthiah	Chairperson
2	Dr. Venkat Ramanaiah	Scientist
3	Dr. RajkishoreMahato	Scientist & In-charge of Animal house
4	Dr. Thamilarasi	Scientist

5	Dr.Vanarani	Veterinarian
6	Dr.Arunjunai Rajan	Main nominee
7	Dr. ThirupathyKumaresan	Link nominee
8	Dr. Jayakrishnan	Scientist
9	Dr. Vallaiappan	Socially aware nominee

ANTI-RAGGING COMMITTEE

S.No	Particulars	Name of the Faculty
1	Head of the Institution	Dr. R.M. Raja Muthaiah, M.S., M.ch., Dean, Velammal Medical College Hospital & Research Institute
2	Representative of Civil and Police Administration	Mr. Subramanian, Former Municipal Counsellor, Madurai
3	Representatives of Local Media	Mr. Balakrishanan, Dinathanthi, Madurai
4	Representatives of Non- Government Organization	Mr. Vijay Anand, Trust PRO, Velammal Medical College Hospital & Research Institute
5	Representatives of Faculty Members	Prof. Dr.P.K. Mohanty, Vice Principal, Velammal Medical College Hospital & Research Institute
6	Representatives of Faculty Members	Dr. John Rajpathy, Professor, Chief Warden (Men's Hostel) Velammal Medical College Hospital & Research Institute
7	Representatives of Faculty Members	Dr. Trupti Bodhare, Professor, Chief Warden (Women's Hostel) Velammal Medical College Hospital & Research Institute
8	Representatives of Faculty Members	Dr. Mahesh Krishna B G, Professor & Head Dept of Forensic Medicine, Anti-ragging Coordinator, Velammal Medical College Hospital & Research Institute
9	Representatives of Parents	Dr. Rajendran S, CRRI, Velammal Medical College Hospital & Research Institute
10	Representatives of Parents	Dr Ganesh Babu R, CRRI, Velammal Medical College Hospital & Research Institute
11	Representatives of Students	Ms. Dhaarani R, CRRI, Velammal Medical College Hospital & Research Institute
12	Representatives of Students	Ms. Deepa M, Final Year MBBS, Velammal Medical College Hospital & Research Institute
13	Representatives of Students	Mr. Aravind S, II Year MBBS, Velammal Medical College Hospital & Research Institute

14	Representatives of Students	Ms. Jhancy Rani, II YEAR MBBS Velammal Medical College Hospital & Research Institute
15	Representatives of Non-Teaching Staff	Mr.M. Sivachidambaram, Physical Director Velammal Medical College Hospital & Research Institute
16	Representatives of Non-Teaching Staff	Mrs. N. Vallikannu, Assistant Physical Director Velammal Medical College Hospital & Research Institute
17	Representatives of Non-Teaching Staff	Mr.S.Thirukkumaran, Academic Assistant, Velammal Medical College Hospital & Research Institute
18	Dr. R. Sumana	Member
19	Dr. Trupti Bodhare	Member
20	Dr. B. N. Vallish	Member
21	Mr. A. David Ebenezer	Member
22	Dr. RajkishoreMahato	Member
23	Dr. S. Raja Shankar	Member
24	Dr. C. Deiveegan	Member
25	Dr. S. Rajan	Member
26	Dr. K. Suganthi	Member
27	Dr. Rekha	Member
28	Dr. T. Hemalatha	Member
29	Dr. J. Mohan	Member
30	Dr. Sasikala	Member
31	Dr. T. Brajesh	Member
32	Dr. Sudhakar	Member
33	Dr. S. Raja	Member
34	Dr. K. Saravanan	Member
35	Dr. C. Yogesh	Member
36	Dr. M. Jeyakumar	Member
37	Dr. Suma. B. Pillai	Member
38	Dr. R. Poongodi	Member
39	Dr. Lavanya	Member
40	Dr. J. Divya	Member
41	Dr. R. Priya Vaishnavi	Member
42	Dr. Surangama Chakraborty	Member
43	Dr. Parineeta suman	Member
44	Dr. V. G. Geni	Member

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ABOUT THE HOSPITAL

Milestones

2012

Velammal Hospital
Established

2013

February : Neonatal ICU
Inaugurated.
November : Prenatal ICU
Inaugurated.

2017

January : Kidney transplant
Programme commenced
February : Liver Transplant
programme commenced



Velammal Hospital was established in Madurai in 2012, with the promise of making medical care of international standards available and affordable to all. The hospital's pursuit of excellence was put in practice right from day one, meeting the standards of international care in all aspects. It is the No.1 Multi-speciality Hospital and largest private facility in South Tamilnadu, with 2100 beds.

At the heart of this hospital is its expert team of 450 highly qualified doctors and renowned surgeons, 1100 dedicated nursing staff, 250 skilled technicians and efficient medical staff who are always on call. Staying at the forefront of medical care requires the latest in lifesaving technology and state-of-the-art infrastructure. This ensures that the hospital functions at 100% efficiency, even at full-occupancy.

Providing the right calibre of medical care requires the right calibre of medical professionals. Velammal Medical College Hospital and Research Institute, School of Nursing and College of Allied Health Sciences were established to impart medical education of high standards, to produce compassionate, empathetic and socially responsible professionals.

At Velammal Hospitals, patient care extends beyond their medical needs. It stems from the need to care for one another and thus, serve the greater good. "Patient First" is the credo by which the hospital functions. Every aspect of the hospital is designed keeping this in mind, from its calm and serene location amidst nature, to its accessible, warm and welcoming architecture.

From the moment a patient enters the facility, they have all the support and reassurance they need to make their experience comfortable and hassle-free. Staffs are trained to handle patient requirements and requests with compassion and respect. This encompasses easy accessibility to doctors, ease of admission and discharge, transparency in payments and insurance claim processes. Velammal staff go the extra mile to ensure that patients are aware of and benefit from various government schemes and aid. Even after discharge patients receive thorough post-operative care with follow-up calls to assess their recovery and progress.

Patient care extends to their spiritual needs as well, with a Temple, Mosque and Chapel specially designed for patients and their attenders to seek guidance and strength. Here, world-class medical expertise is delivered with the utmost warmth, as it should be.

FACILITIES

2100 BED FACILITY



550 AIR-CONDITIONED BED FACILITY



23 STATE-OF-THE-ART OPERATION THEATRES



65 DIALYSIS UNITS



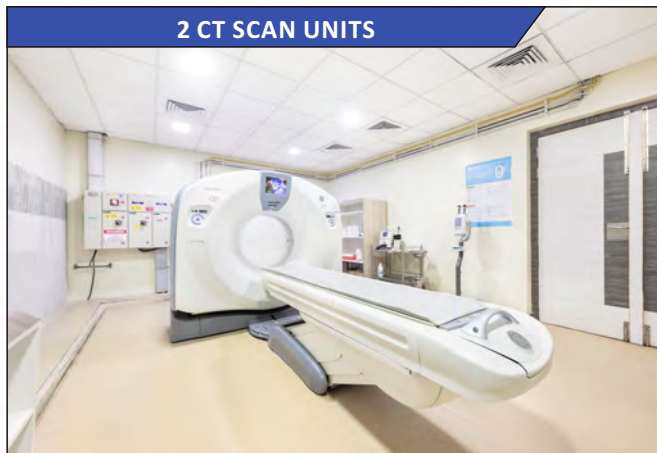
2 CATH LABS



2 MRI SCAN UNITS



2 CT SCAN UNITS



MULTIPLE SPECIALITIES, ONE GOAL: COMPREHENSIVE PATIENT CARE



Expertise, Delivered with Empathy.

- Cardio Thoracic Surgery
- Cardiology
- Neuro Surgery
- Neurology
- General Medicine
- General Surgery
- Reproductive Medicine
- Obstetrics & Gynaecology
- Paediatrics
- Nephrology
- Urology
- Surgical Gastroenterology
- Medical Gastroenterology
- Plastic & Cosmetic Surgery
- Orthopaedics
- Ophthalmology
- Dermatology

As South Tamil Nadu's No.1 Multi-speciality Hospital, Velammal Hospital offers unparalleled medical care across specialities. This is achieved through the unmatched expertise and dedication of the 29 Departments that function independently to serve the needs of the patients. Each department is lead by a team of renowned doctors who are among the best in their fields. They are supported by a contingent of highly trained and skilled nurses, technicians and allied staff to provide medical care of international standards. Every department has a specialist on call 24/7, ensuring patients are always well taken care of, no matter what their needs. Velammal Hospital is defined by commitment to excellence in medical expertise, patient care, professionalism and compassion, to provide holistic care to one and all.

Specialisations

Global Expertise, Home-grown Care



Velammal Hospital is known for its impeccable medical expertise in a wide range of specialities. Every department is led by a team of renowned doctors who are experts in their fields, with a wealth of experience backing them up. Their attention to detail and commitment to patient care in unparalleled. Each team is supported by highly trained medical and non-medical support staff, the latest technologies, state-of-the-art equipment and world-class infrastructure. All, to provide patients with the best medical care in South Tamil Nadu.

To ensure that patients always have access to a doctor, Velammal Hospital has specialists available around-the-clock, one of the few hospitals to do so. No matter what emergencies arise, everyone is assured an excellent medical care at all times.

Expertise in:

Cardiology | Cardio Thoracic Surgery | Respiratory Medicine
 General Medicine | General Surgery | Oncology | Medical Oncology
 Surgical Oncology | Breast And Endocrine
 Medical Endocrinology | Medical Gastroenterology | Dermatology
 Surgical Gastroenterology | Dental | ENT
 Interventional Radiology | Nephrology | Urology
 Neurology | Neuro Surgery | Ophthalmology | Orthopaedics | Pain Clinic
 Vascular Surgery | Paediatrics | Paediatric Surgery
 Obstetrics & Gynaecology | Reproductive Medicine
 Plastic Surgery | Rheumatology | Psychiatry

DEPARTMENT OF ABDOMINAL ORGAN TRANSPLANTATION

Making-Second Chances-Possible



SINCE 2017:

ORGAN	TYPE	TOTAL
Liver	Live	5
	Cadaver	48
Kidney	Live	25
	Cadaver	56
Pancreas	Cadaver	1

Services

**Liver Transplant (DDLT/LDLT) | Kidney Transplant (DDKT / LDKT) | Pancreas Transplant
Multi-organ Transplant (Combined Liver / Kidney Transplant Centre and combined
Pancreas / Kidney Transplant Centre)**

Intestinal Rehabilitation Program and Transplant | Paediatric Liver and Kidney Transplant

Velammal Medical College Hospital is one of Tamilnadu most sought-after transplant hospitals. The transplant programmes began in 2017, under the supervision of internationally trained specialists and has since then grown to become one of the hospital's main attractions. The transplant programme has been awarded by the Government of Tamilnadu for 2 consecutive years owing to international standards of quality and outcomes. Currently, South India's largest transplant centre, this department was the first to conduct a Pancreas transplant and the first to conduct a Pancreas Liver transplant on a 1 year old baby. Among its accomplishments is a successful live donor liver transplant for Acute liver failure.

Kidney Transplant

The first ever transplant at Velammal Medical College Hospital was carried out in January 2017 with a live-related kidney transplant. The programme is overseen by internationally trained Nephrologists and the outcomes are all on par with international standards. Today, patients visit from all over the country and abroad for cadaveric and live-related transplants.

Liver Transplant

Velammal pioneered the liver transplant programme in India in 2017. In 2018, the Tamilnadu Government awarded Velammal Medical College Hospital for the largest number of cadaveric transplants, in the private hospital category. The best liver transplant surgeons in the country, excellent facilities and transplant care and the most affordable services, makes this the most successful transplant programme in Tamilnadu.

24 HOUR AMBULANCE SERVICES

Ambulance Services | Poison Care Centre Blood Bank | Intensive Care Unit

850+
Pickups per Year

No. of Ambulance: 5

2 High-tech
Ambulance

2 Normal
Ambulance

1 Neonatal
Ambulance



Velammal Hospital is equipped to deal with emergencies around-the-clock, with specialists on call 24/7 and emergency services staffed by ever vigilant doctors, nurses and technicians. No matter what situation arises, Velammal Hospital is ever dependable and easily accessible.

The Velammal fleet of ambulances plays a vital role in saving lives. They are equipped with highly trained technicians and life-saving emergency equipment such as defibrillators, ventilators, oxygen cylinders and essential medications that help stabilise critical patients and provide immediate treatment, before transporting patients to the hospital.

They come with high-tech communications equipment that allows the first responders to communicate with the hospital and ensure vital information is relayed immediately, thus saving time and saving lives. The velammal fleet consists of 3 types of ambulances:

Neonatal Ambulances: Designed exclusively for neonates, the ambulance is equipped with radiant warmers, resuscitation systems, neonatal ventilators, transport incubators and is designed to minimise sounds and vibrations so as to carefully transport new borns to the hospital.

Mobile ICU: The Intensive Care ambulances are dispatched to emergency situations where patients require a higher degree of attention. They are staffed by highly trained paramedics who can provide critical care and equipped with defibrillator, ventilator, pulse oximeter, cardiac monitor, publisher and more.

Antenatal Ambulance: An exclusive ambulance for pregnant women, designed to take care of deliveries during transit. It offers a sterile and safe environment for emergency births and is manned by expert nurses.



Services

- 24/7 services
- 1000 units of blood storage
- Leukofiltration of red blood cells
- Antibody titration
- Apheresis
 - Leucopheresis
 - Plateletpheresis (Single Donor Platelets)
 - Plasma Exchange Procedures
 - Red blood cell exchange
- Platelet Concentrate
- Washed RBC
- Plasma & Platelet Storage
- Mobile Blood Bank Bus
- Cryo-precipitate

As an approved 'Regional Blood Transfusion Centre, the fully-automated blood bank at Velammal Hospital is available around-the-clock and is a boon for patients in need. This highly efficient system enables grouping, Rh typing, cross-matching and testing to detect unidentified antibodies and infections.



ICU Units

- Intensive Coronary Care Unit
- Intensive Surgical Care Unit
- Paediatric Intensive Care Unit
- Neonatal Intensive Care Unit
- Intensive Medical Care Unit
- Intensive Respiratory Care Unit
- Intensive Neuro Care Unit

When it comes to saving lives, attention to detail plays a vital role. That is why all the ICUs at Velammal Hospital are equipped with the most modern and highly precise monitoring systems that measure vitals and alert the staff at the slightest anomalies.

The 140 bed unit contains the latest in ventilators, IV lines, pumps, feeding tubes, drains, catheters and more, to provide maximum comfort and the highest standards of care to critical patients suffering from a wide range of ailments.

This department relies on second-by-second monitoring and lightning fast response times. That is why there is a quality control unit that ensures the equipment is always functioning at 100%, safety protocols are followed and the highest standard of hygiene is maintained, to prevent spread of infection among the most vulnerable of patients.

The ICUs at Velammal Hospital are staffed with specialised intensivists and highly trained support staff, with access to the most advanced medical equipment and resources that are not commonly available. The staff to patient ratio is also significantly higher than in the rest of the hospital. These details ensure that lives are saved and nothing is left to chance.

POISON CARE UNIT



Velammal Hospital is the one stop destination for all toxicological emergencies. From snake bite poisoning to envenomation and drug overdoses, the staff is highly trained and equipped with life-saving knowledge and gather relevant information to ensure speedy first aid and treatment.

LABORATORIES



The most important step in medical care is the very first step – diagnosis. Only when the doctor is able to correctly diagnose an illness or ailment, can the correct treatment take place. That's why diagnostic tests and scans play a very vital role in medicine. Allowing doctors to see what's happening inside the body, providing them with all the information they need to prescribe the best course of treatment.

Velammal Hospital has an extensive central laboratory that is equipped with the most advanced diagnostic tools and equipment, enabling quicker and more efficient patient care, by reducing wait times and assuring them of 100% accuracy. The lab is run by an efficient team of highly-trained technicians with expertise in cancer, cardiovascular diseases, infectious diseases and neurology. There are three distinct fields of diagnostics housed within the central laboratory:



Microbiology

This laboratory is devoted to the culturing, examination and identification of microorganisms like bacteria and fungi, antigen and antibody detection of bacteria and viruses and molecular diagnosis of viruses and other markers. It plays a vital role in the detection and prevention of infectious diseases.

Services

- Serology • Bacteriology • Virology • Parasitology • Mycology • Mycobacteriology • Molecular techniques

Biochemsitry

This laboratory deals with the study of chemical processes in the body through bodily fluids such as blood, serums, plasma etc. These tests are compared with a healthy sample to understand the nature of illness and the course of treatment.

Services

- Electrophoretic analysis • Developing protocol for rare assay parameters
- Spectrophotometric analysis of heavy metals, drugs and other rare parameters
- All ELISA parameters • Tissue extract analysis

Pathology

The scope of the department of Pathology includes diagnostic, education and research. It offers quality diagnostic services in the following sections:

Services

- Hematology • Clinical pathology • Cytopathology • Histopathology • Immunohistochemistry

Velammal Medical College Hospital & Research Institute



DEPARTMENTS

DEPARTMENT OF ANATOMY

About the Department

The Anatomy Department of VMCH & RI makes every effort to create a center of excellence for learning anatomy in a very interesting and innovative way and to inculcate in our students a sense to respect the cadaver. There are normal and clinically relevant Radiographs and CT scans for regular small group discussions with students. The well-equipped research facility is utilized for routine Histological and Cytogenetics research.

Goals

To provide our students with clinically relevant knowledge of the structure of the human body using interactive teaching-learning methods.
To conduct high-quality research in clinical anatomy, neuroanatomy, and genetics.
To provide efficient and effective embalming services.

Facilities and Services

The Museum has an amazing collection of more than 230 dissected wet specimens, plastinated specimens, dry models, embryology models, charts and bone sets.

The Dissection Hall has the capacity to accommodate 150 students and has a cold storage facility to preserve 20 cadavers. A separate embalming room and storage tanks for the cadavers also exist.

Histology practical hall can accommodate 90 students at a time and each student is provided with a microscope for effective self-learning.

Research Lab fully equipped with Tissue processing and slide preparation unit enables the department to replenish the Histology Lab with newer slides.

The genetic lab is fully functional and operational. With the establishment of a plastination lab, we intend to make learning anatomy easier and interesting.

Faculties

S.No	Name of the Faculty	Designation
1	Dr.R.Sumana	Professor
2	Dr.S.Rajasankar	Professor
3	Dr.P.Sasikala	Professor
4	Dr.Parineeta Suman	Associate Professor
5	Mr.A.David Ebenezer	Assistant Professor
6	Dr.P.Veenalakshmi	Assistant Professor
7	Mr.M.Ramkumar	Tutor

DEPARTMENT OF BIOCHEMISTRY

About the Department

“Passion to spot the trouble”

The department of Biochemistry of VMCH&RI handles three core areas – teaching, hospital laboratory services, and research. To support these practices there are convenient classrooms to accommodate sufficient students for different types of learning. There is a separate research lab with adequate infrastructure and equipment for postgraduate students, Ph.D. scholars, and faculties. Department provides nesting for IVD equipment validation and Research collaborations.

Clinical biochemistry laboratory in VMCH&RI, is a part central hospital Laboratory Services, is situated on the first floor of the hospital building, where service is provided 24hours a day. It is armed with state-of-the-art equipment and handles more than 3500 tests per day. It provides an extensive range of testing services for the hospital services and also provides testing for research. The laboratory provides testing in routine Biochemistry investigations, special investigations like hormones, drugs and metabolites. Faculties are posted round the clock to monitor the quality control, validate and release the reports. The laboratory also participates in the external quality control program. The lab provides in-house lab investigations services as well as at the community level.

Thrust areas for research in the department are obesity, diabetes mellitus, thyroid disorders, therapeutic drug monitoring, chronic renal failure, and medical education.

Department of the biochemistry of VMCH&RI department strives hard to produce well informed, innovative, inquisitive, intuitive, ethical, socially committed, self-disciplined, hardworking health care providers with adequate knowledge of all medical sciences in biochemistry which is the study of the fundamental chemical that makeup of the human body in the health and earliest chemical changes at the micro and macro level in diseases which precede all other types of manifestations. Also, to inculcate and instil scientific wisdom and research acumen in the young minds on the needs of the patient and the public. To promote an evidence-based holistic approach to health care

Objectives

To create a learning environment to impart knowledge of biochemistry to medical students at UG & PG level.

To provide ample scope and opportunity for the student of biochemistry to develop an understanding of the subject at both basic and applied level.

To integrate the knowledge of biochemistry with appropriate skills to develop the student's professionalism.

To develop infrastructure for the facilitation of interdisciplinary and collaborative research in biochemistry both independent and their disciplinary in health care.

To provide laboratory support services to clinical departments for patient care and conducting research.

To deliver an accessible state of the art laboratory health services to all in need of health care with compassion.

To promote and facilitate industry-academia research development projects.

To educate students to be innovators to help the people in need of health services and to spread the knowledge of biochemistry in public and professional interest.

Faculties

S.No	Name of the Faculty	Designation
1	Dr.P.K.Mohanty	Professor
2	Dr.K.Suganthy	Professor
3	Dr.M.Jeyakumar	Assistant Professor
4	Dr.Mamtha T.Shenoy	Assistant Professor
5	Dr.A.Hariharan	Assistant Professor
6	Mrs.A.Kavitha	Tutor
7	Dr.Barjees begam	Tutor
8	Dr.Ashiqkhan	Tutor
9	Dr.E.Vignesh	Tutor

DEPARTMENT OF COMMUNITY MEDICINE

About the Department

The community medicine department of VMCH&RI gives special importance to creating a supporting and collaborative learning environment for students. The department has successfully incorporated student-centric learning strategies like problem-based learning (PBL), team-based learning (TBL), flipped classroom, e-learning and blended learning to facilitate higher learning skills among MBBS students. The department has also designed and developed a flexible and convenient E-learning platform to teach new topics and improve the teaching outcomes.

Vision

To produce skilled, knowledgeable, morally responsive and empathetic doctors, capable of providing need-based services to the community. The students shall also be a good researcher, an excellent communicators and & lifelong learner who are ethically responsive to the community.

Mission

The department emphasis teaching medical students the issues beyond clinical illness, especially biopsychosocial aspects, communication, epidemiology, the natural history of diseases, health systems and the role of support mechanism, the knowledge of which is crucial in providing comprehensive care to the patient. Students are also trained to identify the socioeconomic inequalities as determinants of health and suggest interventions based on moral values at individual, family and community levels. The faculty in the department is practicing pioneering teaching-learning methodologies to achieve the same. Instructional methods adopted are learner-centered; invoke critical thinking, promote self-directed learning and motivate them to become lifelong learners.

The community medicine department of VMCH & RI gives special importance to creating a supporting and collaborative learning environment for students. The department has successfully incorporated student-centric learning strategies like problem-based learning (PBL), team-based learning (TBL), flipped classroom, e-learning and blended learning to facilitate higher learning skills among MBBS students. The department has also designed and developed a flexible and convenient E-learning platform to teach new topics and improve the teaching outcomes.

Faculties

S.No	Name of the Faculty	Designation
1	Dr.Samir Deorao Bele	Professor
2	Dr.TruptiBodhare	Professor
3	Dr.B.T.Sudhir Ben Nelson	Associate Professor
4	Dr.N.Munish	Assistant Professor
5	Dr. B. Sudharsan	Assistant Professor
6	Dr.Deiveegan	Assistant Professor
7	Dr.V.Sriandaal	Assistant Professor
8	Mr.VijayAnto J	Statistician
9	Dr.B.Rita	Medical Officer
10	Dr.R.Malarvani	Medical Officer
11	Dr.Dinesh Murugan	Tutor

DEPARTMENT OF FORENSIC MEDICINE

About the Department

“Education to support law and order”

Forensic Medicine is a branch of medicine that involves the study and application of knowledge of Medicine in the administration of Justice. The forensic medicine department of VMCH&RI teaches budding professionals the ethics of medical practice. The department understands that it is uncommon for the Judiciary to pronounce their verdicts based on the evidence given by medical professionals, who play an important role as an expert while furnishing their valuable opinions in medico-legal cases involving medical negligence, Unethical practices, violence against human body and mind and so on. Their expertise is of great value in the management of cases of Poisoning. The medical professional's opinion decides whether the death was natural or Unnatural. Often, they are required to appear before the court of law to testify their findings.

Goals

The goal of teaching Forensic Medicine to undergraduate students in VMCH&RI is to help them learn the legal procedures involved in the practice of the medical profession. They are imparted with the knowledge of the procedures of the issue of different types of certificates and be competent enough to apply his / her medical knowledge while submitting scientifically acceptable evidence in a court of law which enables execution of justice. Further, the teaching will also help the students to know of medical ethics and etiquette to be followed during the practice of medicine.

Objectives

At the end of the course, after doing a proper evaluation, experts of VMCH&RI will be able to scientifically describe the medico-legal aspects in medico-legal cases like poisoning, victims of Trauma, sexual assaults, alleged accused of a sex crime, unnatural deaths, etc., for the cause of justice.

The students will be able to appear in a court of law as a Registered Medical Practitioner and give evidence in cases of Suicide, Homicide, Assault, Sexual offenses, Alcoholic intoxication, Drug dependence and other cases requiring medical opinion.

The students will be able to distinguish between ethical and unethical conduct of the medical practitioners and practice medicine in the society following medical ethics and etiquette as prescribed by the Indian Medical Council.

Faculties

S.No	Name of the Faculty	Designation
1	Dr.B.G.Mahesh Krishna	Professor
2	Dr.C.Yogesh	Associate Professor
3	Dr.Surangama Chakraborty	Assistant Professor
4	Dr.S.Rajan	Assistant Professor
5	Dr.Chenthilnathan	Tutor
6	Dr.S.Asaithambi	Tutor

DEPARTMENT OF MICROBIOLOGY

About the Department

“Studying the Invisibles”

The Department of Microbiology of VMCH&RI is well equipped to diagnose most of the infectious diseases prevalent in our society. The microbiology lab of Velammal Medical College Hospital was started in 2011. It started with basic serological and microbial culture tests. But now it performs a wide array of tests for detecting bacteria, viruses, fungi, and parasites with varied advanced and automated techniques. The scope of services has extended greatly thus providing round the clock microbiological support for the betterment of patient care.

The lab is managed by an efficient and dedicated team of medical microbiologists who regularly participate in academic teaching, research activities and continuing medical education to update their knowledge along with their routine diagnostic work. There is a team of well trained and dedicated microbiology technicians who perform proficient bench work. A computer-based hospital information system is used for managing patient samples from the stage of receiving and acknowledging the sample to reporting. All the lab reports are issued adhering to prescribed turn-around time. Critical reports are informed immediately to the concerned departments.

The Microbiology lab regularly participates in external quality assurance schemes run by reputed institutions/organizations (Bacteriology & Serology – CMC, Vellore; Mycology – PGI, Chandigarh) and has always fared exceptionally well in them (more than 90% scoring rate). It also has well monitored internal quality control measures to ensure high quality reliable diagnostic services. The lab also contributes significantly to hospital infection control activities on a regular basis. With very supportive management, the lab is growing day by day and improving its array of services.

Faculties

S.No	Name of the Faculty	Designation
1	Dr.Jhansi Charles	Professor
2	Dr.A.Ramesh	Associate Professor
3	Dr.T.Rajendran	Assistant Professor
4	Dr.G.Vithiya	Assistant Professor
5	Dr.S.Raja	Assistant Professor
6	Dr.V.G.Geni	Assistant Professor
7	Dr.C.Swaminathan	Tutor
8	Dr.C.SaiSailoli	Tutor
9	Dr.T.Priyanka	Tutor

DEPARTMENT OF PATHOLOGY

About the Department

“Where every experiment matters”

Quality, accurate and fast results, patient service with care and compassion and bringing value to the diagnostic needs of the society form our life at Velammal central Path lab services. Velammal central Path Labs, the 24 hours open fully automated standalone laboratory in Madurai. It has successfully developed itself into a center of excellence in the field of laboratory medicine by adopting latest techniques, inducting highly skilled professionals and introducing latest state of the art analyzers from Germany, France, and Japan.

Faculties

S.No	Name of the Faculty	Designation
1	Dr.K.Yegumuthu	Associate Professor
2	Dr.R.Lavanya	Associate Professor
3	Dr.R.Sudhakar	Assistant Professor
4	Dr.R.Poongodi	Assistant Professor
5	Dr.P.Poorana Priya	Assistant Professor
6	Dr.J.Divya	Assistant Professor
7	Dr.K.R.Vijayabaskar Mithun	Assistant Professor
8	Dr.Jozhi	Tutor
9	Dr.R.Priya Vaishnavi	Tutor
10	Dr.Angella Catherine	Tutor
11	Dr.Narendren	Tutor
12	Dr.JashnyPreteena	Tutor
13	Dr.Anushiya	Tutor

DEPARTMENT OF PHARMACOLOGY

About the Department

“Learn to care with ethical medications”

The Department of Pharmacology of VMCH&RI enriches the students with the knowledge of drugs and their usage for the benefit of the patients. The department conducts undergraduate courses for Medicine, Nursing and Allied health sciences in both theoretical and practical aspects of pharmacology. All of the animal experiments have been replaced by clinical pharmacology exercises and also by Computer Assisted Learning (CAL) modules. The pharmacology department of VMCH&RI strives hard to prepare exceptional students for productive and successful careers as clinicians, in society, in academia, in research, and the pharmaceutical industry.

Besides delivering quality education in pharmacology and pharmacotherapeutics that effectively integrates critical thinking, problem-solving and leadership skills. The department works with the prime focus on inculcating in medical students the habit of practicing rational use of drugs and the culture of observing and reporting adverse drug reactions.

Faculties

S.No	Name of the Faculty	Designation
1	Dr.Rajkishore Mahato	Professor
2	Dr.J.Mohan	Professor
3	Dr.T.Brajesh	Assistant Professor
4	Dr.T.Hemalatha	Assistant Professor
5	Dr.P.Anuratha	Tutor
6	Dr.R.M.Abinayaa	Tutor
7	Dr.Navin Kumar	Tutor

DEPARTMENT OF PHYSIOLOGY

About the Department

The Department of Physiology of VMCH&RI imparts training in the field of Medical Physiology as a foundation course for perception and practice in the art and science of Medicine. The other primary function of this department includes research and research-oriented activities. The physiology department of VMCH&RI aims to educate, inculcate and inspire in students, the importance of research and research methodologies in basic medical sciences and its clinical applications and interpretations. It is our aim to train students to integrate and collate their acquired basic medical science knowledge in their future clinical acumen and practice

Faculties

S.No	Name of the Faculty	Designation
1	Dr.S.Anu	Professor
2	Dr.M.Shanthi	Professor
3	Dr.JohnRajpathy	Professor
4	Dr.M.Saravanan	Associate Professor
5	Dr.K.Rekha	Assistant Professor
6	Dr.J.Keba	Assistant Professor
7	Dr.Samron Moses	Tutor
8	Dr.Banupriya	Tutor

Conferences / Meetings / Workshops

S.No	Name of the Event	Type of Event	Date of the Event
1.	Seminar on Intellectual Property Rights (IPR)	Seminar	18.01.2019
2.	Workshop on Safe Blood Collection Practices	Workshop	04.04.2019
3.	Seminar on Patenting	Seminar	21.11.2019
4.	Hands on training and workshop on Good Clinical Practices	Workshop	22.02.2020

PUBLICATIONS

S.No	Publication Title	Authors	Journal
1	Poly - Phenolic Study of South - Indian Nutmeg (MyristicaFragrans) Using Gc - Ms and FTIR	MuthuvelKanagasabapathy, NandhakumarPalraj, RajasankarSrinivasagam	International Journal of Pharmaceutical Research
2	Ameliorative Effect of Withaferin A on Ageing - Mediated Impairment in the Dopamine System and Its Associated Behavior of Wistar Albino Rat	Raziya Banu M, Ibrahim M, Prabhu K, Rajasankar S.	Pharmacology
3	Demethoxycurcumin ameliorates rotenone - induced toxicity in rats	Ramkumar M, Rajasankar S, Swaminathan Johnson WM, Prabhu K, Venkatesh Gobi V	Frontiers in bioscience (Elite edition)
4	Antiapoptotic role of Agaricusblazei extract in rodent model of Parkinson's disease	Venkatesh Gobi V, Rajasankar S, Swaminathan Johnson WM, Prabhu K, Ramkumar M.	Frontiers in Bioscience Elite
5	Neuroprotective efficacy of withaferin a on aging mediated oxidative stress in striatum and Substantia nigra of wistar albino rat	Banu, Mohammad R aziya; Ibrahim, Muhammed; Prabhu, K.; Rajasankar, Srinivasagam	Drug Invention Today
6	Anti - inflammatory effect of withaferin A on dopaminergic neuron of aged rat	Banu, Mohammad Raziya; Ibrahim, Muhammed; Prabhu, K.; Rajasankar, Srinivasagam	Drug Invention Today
7	Effect of Coccinia indica leaf extract on angiotensin converting enzyme (ACE) inhibitor induced hepatotoxicity in wistar albino rats	G. Vinothkumar, P. Venkataraman, V.M. Vinodhini, R. Lavanya, D. Sathishkumar	Clinical Nutrition Experimental
8	Patient - rated Physicians' Empathy and Its Determinants in Riyadh, Saudi Arabia	Alzayer ZM, Abdulkader RS, Jeyashree K, Alseliem A.	Journal of Family & Community Medicine
9	Are they there yet? Linkage of patients with tuberculosis to services for tobacco cessation and alcohol abuse - a mixed methods study from Karnataka, India.	Navya N, Jeyashree K, Madhukeshwar AK, Anand T, Nirgude AS, Nayarmoole BM, Isaakidis P	BMC Health Services Research

10	Inequity in Catastrophic Costs Among Tuberculosis - Affected Households in China	Xu CH, Jeyashree K, Shewade HD, Xia YY, Wang LX, Liu Y, Zhang H, Wang L	Infectious Diseases of Povert
11	Trends in tobacco consumption in India 1987 - 2016: impact of the World Health Organization Framework Convention on Tobacco Control	SuliankatchiAbdulkader R, Sinha DN, Jeyashree K, Rath R, Gupta PC, Kannan S, Agarwal N, Venugopal D.	International Journal of Public Health
12	Attrition and delays before treatment initiation among patients with MDR - TB in China (2006 - 13): Magnitude and risk factors	Xu C, Li R, Shewade HD, Jeyashree K, Ruan Y, Zhang C, Wang L, Zhang H	PLoS One
13	Current treatment of Osteoporosis	N Subramanian	Indian Journal of Rheumatology
14	Complications and Management of Paraovarian Cyst: A Retrospective Analysis	Durairaj A, Gandhiraman K	Journal of obstetrics and gynaecology of India
15	Amlodipine alters hemorheological parameters: Increased efficacy at the cost of edema?	Ravindra RP, Arunkumar S, Puniyani RR, Padgaonkar K, Vadivelu R, Sharma R, Panicker G, Lokhandwala Y.	Indian heart journal.
16	Coronary artery size in North Indian population - Intravascular ultrasound - based study	Reddy S, Kumar S, Kashyap JR, Rao R, Kadiyala V, Reddy H, Kaur N, Ramalingam V, Kaur J	Indian heart journal.
17	Intermediate term outcome after electrogram guided segmental ostial pulmonary vein isolation using an 8 mm tip catheter for paroxysmal atrial fibrillation	Pawar P, Vadivelu R, Bachani N, Jeyashree K, Sharma R, Rath C, Jadwani J, Bera D, Lokhandwala Y.	Indian heart journal.
18	Nanosomal docetaxel lipid suspensionbased chemotherapy in pregnant MBC patient a case report	Ramaswamy R, Joshi N, Khan MA, Siddhara S	OncoTargets and therapy
19	Impact of Alternate Nostril Breathing Exercises on Vascular Parameters in Hypertensive patients - An Interventional Study	Saravanan P S L, Anu S, Vairapraveena R, Rajalakshmi Preethi G.	National Journal of Physiology, Pharmacy and Pharmacology.
20	Analysis of the effects of duration and quality of sleep on pain threshold and nerve conduction velocity on medical students	Kanietha Priya A S, Anu S, Pooja Devi	National Journal of Physiology, Pharmacy and Pharmacology.
21	Lung - specific yoga mudras on respiratory function in asthma patients	Saravanan P S L, Anu S, Kanietha Priya A S, Vijaybabu K, Rohit Paul.	National Journal of Physiology, Pharmacy and Pharmacology.
22	Doppler evaluation of Common carotid artery hemodynamic parameters in patients with essential hypertension after Alternate Nostril Breathing exercises	S. Anu G. Rajalakshmi Preethi R. Vaira Praveena K. Jeyashree	Journal of Evidence Based Medicine and Healthcare
23	Effect of Specific Yoga Mudras on Respiratory Efficiency in Asthma patients.	S Anu A S Kaniethapriya Rohit Paul Jeyashree	Indian Journal of Clinical Anatomy and Physiology

24	Effect of passive and active upper limb movements on muscles of the lower limbs in spinal cord injury patients	Anu S, Madhava Kumar V, Venkatesh, Vijay Anto J	National Journal of physiology
25	Non - Infective Cough in Immediate Post Cardiac Surgery Patients.	Vijayakumar K Mohanakrishnan L Rieyaz HA John RajpathySelvakumar P Deneshkumar V	International Journal of Contemporary Medicine, Surgery and Radiology
26	Assessment of memory and cognitive functions in controlled and uncontrolled Type 2 diabetes mellitus patients.	Shanthi M, Rekha K, Saravanan M, Shree Lakshmi KN	National Journal of Physiology, Pharmacy and Pharmacology
27	Effect of body mass index on time taken to attain maximum post exercise hypotension in healthy adult males	Keba Jeeva, Rajesh Jeniton Fernando, Paramita Bhattacharyya	National Journal of Physiology, Pharmacy and Pharmacology.
28	Analysis of the effects of duration and quality of sleep on pain threshold and nerve conduction velocity on medical students	Kanietha Priya A S, Anu S, Pooja Devi	National Journal of Physiology, Pharmacy and Pharmacology
29	Genotype and viral load determination of hepatitis C virus from a tertiary care hospital, South India	Raja Sundaramurthy, Vithiya Ganesan, Ramesh Arunagiri, Rajendran Thiruvannamalai, GeniVeerathevar German Soundaram and BrindhaVetriNallathambi	Journal of Evolution of Medical and Dental Sciences
30	Sexual Ambiguity based on the Length of Femur - A Statistical Analysis in South Indian Population	Yogesh C, Amirthvarshan A	Indian Journal of Forensic Medicine & Toxicology
31	A Retrospective Study of Annual Poisoning Profile in a Tertiary care hospital in south India for the year 2017- 2018	Yogesh C, Priyanka, Amirth varshan, Paranthaman	Journal of the Indian Society of Toxicology
32	Prevalence and Determinants of Depression among the Elderly in Rural Field Practice Area of a Medical College in Perambalur District, Tamil Nadu: A Cross - Sectional Study	Karthikeyan K.; Sriandaal V. Tamilarasan.M	Indian Journal of Public Health Research & Development
33	Clinical profile and role of haematological parameters in the prognosis of dengue fever patients admitted in a tertiary hospital	Virgin Joena, Ananda Xavier Pragasam	International Journal of Contemporary Medical Research
34	Relationship between self - rated health status & physical activity in obese south Indian patient's	Virgin Joena, Ananda Xavier Pragasam	International Journal of Advances in Medicine
35	Factors affecting carotid intimal medical thickness in patients with rheumatoid arthritis, an analytical cross sectional study	K. M. Prabhuswamy.M Virgin Joena	International Journal of Advances in Medicine
36	Prevalence & profile of non - alcoholic fatty liver disease among adults undergoing master health check - up, a hospital based cross sectional study	A. Sangeetha, K.M. Prabhuswamy	International journal of contemporary medical research

37	Rainbow sign in dermatoscopy of nodular basal cell carcinoma	Nirmal B, Krishnam AS, Sudhagar R	India n Journal of Dermatopathology and Diagnostic Dermatology
38	A Study of Factors Associated with Relapse of Drinking during a 1 Year Follow - up: A Retrospective Cohort of 70 Males Treated as In - Patient for Alcohol Dependence Syndrome	Rena Stanley, Sugaparaneetharan Ayyanar, RamanujamVenkatasamy, J. Vijay Anto	International Journal of Contemporary Medicine Surgery and Radiology
39	A prospective observational study to compare postoperative complications and quality of life between patients undergoing umbilical hernia repair by open and laparoscopic methods	Venkatesh Subbiah, KarpagavelChandrabose	International Surgery Journals
40	Comparison of treatment outcome following rubber band ligation vs injection sclerotherapy for treatment of haemorrhoids	KarpagavelChandrabose, Venkatesh Subbiah	International Journals of Surgery and Orthopedics
41	Profile and complication rate of thyroid surgeries performed interterritory care teaching hospital a prospective observational study	VijaiaboobathiSathiah, KarpagavelChandrabose	International Journals of Surgery and Orthopedics
42	A Clinical study on incidence of malignancy in solitary nodule of thyroid in rural area of tamilnadu	Jeyaganesh R, VijaiaboobathiSathiah	MedPulse International Journal of Surgery.
43	A study to compare the effects of single dose intravenous dexmedetomidine and clonidine on bupivacaine spinal anaesthesia	P Ramadevi, T Nirmaladevi	MedPulse International Journal of Anesthesiology
44	Comparison of efficacy of Nebulized ketamine versus lignocaine for postoperative sorethroat	P Ramadevi, E Shanmugavalli	Indian Journal of Clinical Anaesthesia
45	Comparison of efficacy of intrathecal nalbuphine versus fentanyl as adjuvant to subarachnoid block in cesarean section	E Shanmugavalli, P Ramadevi, T Nirmaladevi	MedPulse International Journal of Anesthesiology
46	Congenital Primary Right Lung Agenesis in A Child - MDCT Imaging Features	M Krishna Kumar, H Kalyana, and S Yogaraj	Current Trends in Clinical & Medical Imaging
47	128 slices multidetector CT evaluation of Gastric carcinoma Imaging and histopathological correlation	S. Yogaraj, M. Senthil Kumar	International Archives of Integrated Medicine.
48	Midline submental intubation	R Yoganandha	Journal of Indian Dental Association Tamil Nadu
49	Effect of With aferin - A on aging induced behavioral and non enzymatic antioxidant impairment in Wistar albino rat	Banu, Mohammad Raziya; Ibrahim, Muhammed; Prabu, K.; Rajasankar, Srinivasagam	Drug Invention Today
50	With aferin - A Protects the Nigral Dopamine Neuron and Recovers Motor Activity in Aged Rats	Raziya Banu M, Ibrahim M, Prabhu K, Rajasankar S.	Cells Tissues Organs

51	Aromatic spice Nutmeg attenuates memory deficits in Rotenone model of Parkinson's disease	Muthuvel V K, Prabhu K, Rajasankar S.	International Journal of Research in Pharmaceutical Sciences
52	Myristica fragrans seeds alleviate motor behavioural changes in rotenone model of Parkinson's disease	Muthuvel Kanagasabapathy, Prabhu Kaliyaperumal, Rajasankar Srinivasagam	International Journal of Pharmaceutical Research
53	Myristica fragrans seeds extract mitigate non - motor behavioural deficits and oxidative stress in Rotenone model of Parkinson's disease	Muthuvel Vijayan kanagasabapathy, Sumana Radhakrishnan, Prabhu K, Rajasankar Srinivasagam	International Journal Of Pharmaceutical Research
54	Comprehensive treatment algorithm for management of thoracic and lumbar tubercular spondylodiscitis by single stage posterior transforaminal approach	Subbiah M, Shiromi S, Yegumuthu K	Musculoskeletal surgery
55	Impact of Care Bundle Implementation on Incidence of Catheter - associated Urinary Tract Infection: A Comparative Study in the Intensive Care Units of a Tertiary Care Teaching Hospital in South India	Soundaram GV, Sundaramurthy R, Jeyashree K, Ganesan V, Arunagiri R, Charles J	Indian Journal of Critical Care Medicine
56	Financial support to the poor for the detection of smear - negative pulmonary and extra - pulmonary TB in Bangladesh	Munim IMS, Shewade HD, Jeyashree K, Islam S, Rifat IA, Patwary FK, Begum I, Sarkar MK, Mahmud R, Islam MS, Islam MA	The International Journal of Tuberculosis and Lung Disease
57	App - based tracking of smartphone use and its association with perceived stress and sense of coherence among undergraduate medical students in Southern India	Jeyashree K, Sathiyavathu JS, Suliankatchi A	International Journal of Adolescent Medicine and Health
58	Household food insecurity among patients with pulmonary tuberculosis and its associated factors in South India: a cross sectional analysis	Ayiraveetil R, Sarkar S, Chinnakali P, Jeyashree K, Vijayageetha M, Thekkur P, Lakshminarayanan S, Knudsen S, Hochberg NS, Horsburgh CR, Ellner J, Roy G	BMJ open
59	Advances in spondyloarthritis: Update 2020	Nallasi van S, Ravindran V	Indian Journal of Rheumatology
60	Risk factors for alcohol use relapse after abstinence in patients with alcoholic liver disease	Arun AC, Ilango N, Rajma J	Journal of family medicine and primary care
61	Fracture Resistance of Titanium, chrome - cobalt & Gold Alloy as post & core materials: A Comparative Evaluation	Venkataraman KJ, Thanapathi S, Balasubramanian S, Gandhi SA, Sarojinikutty AC	Journal of pharmacy and bioallied sciences
62	Comparative Evaluation Phytic Acid as final rinse solution with other Chelating agents for Elimination of intra radicular smear: A SEM study	Gandhi SA, Chandrasekar P, Nachimuthu J, Abraham CS, Venkataraman KJ	Journal of pharmacy and bioallied sciences
63	Understanding etymology: awareness among doctors and a tool in successful medical education	Ebenezer DA, Saravanan M	International Journal of Medical Science and Education

64	Assessment of influence of Screen time on Quality of sleep among dental students	Anuradha Nata rajan, Rekha Kanagamuthu, Mansi Sivagandhi Reddy, A.S. Sindhuja	Annals of International Medical and Dental Research
65	Influence of six weeks of supine slow leg raising abdominal exercise on abdominal fat	Mohamed Rayeez A, Anu S, Rajalakshmi Preethi G, Saravanan PSL, Jeyashree K	National Journal of Physiology
66	Profile of vitamin B12 deficiency and analysis of contributory factors among inpatients in a tertiary care hospital in Madurai, South India	Vairapraveena Ramesh, Sangeetha Ashokan, Anu Sengottai yan, Vijay Anto James	Journal of Evidence Based Medicine and Healthcare
67	Assessment of Psychomotor skill using mentally guided imagery and physical practice in postgraduate emergency medicine students - a comparative study	S Anu, N Uwaraja, R Somaskandan, R Vairapraveena, K Jeyashree, VB Ranjith	Journal of Clinical and diagnostic research
68	Evaluation of spontaneous locomotor activity of aqueous extract of Azadirachta indica in mice	Brajesh Thankamony, Jesudoss Prabhakaran, J. Mohan, Raj Kishore MahatoMahato	National Journal of Basic Medical Sciences
69	A Vignette on the Trend of Medicolegal Cases in a Tertiary Care Hospital in South India	Yogesh C, Amirthvarshan, Paranthaman, Priyanka	Indian Journal of Forensic Medicine & Toxicology
70	An Exploration into the biography of road Traffic Accident Cases in a Tertiary care hospital in South India	Yogesh C, Paranthaman, Amirthvarshan, Priyanka	Indian Journal of Forensic Medicine & Toxicology
71	A Qualitative Exploration of Substance Abuse among the Nursing Students of Coastal Karnataka	Dharnappa Poojary, MadhumithaMuruganandam, Avinash Kumar, GanarajaB, Sneha Shetty Bhoja, Trupti Bodhare, Rashmi K	Indian Journal of Forensic Medicine & Toxicology
72	E- learning: a key to sustain learning during COVID-19 pandemic	Bodhare T.	International Journal of Health & Allied Sciences



We strive to make the lives of others better and to leave the world a better place than how we found it. It is our goal to provide affordable treatment at world class quality.

Shri. M.V. Muthuramalingam

*Founder & Chairman,
Velammal Educational Trust*



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