



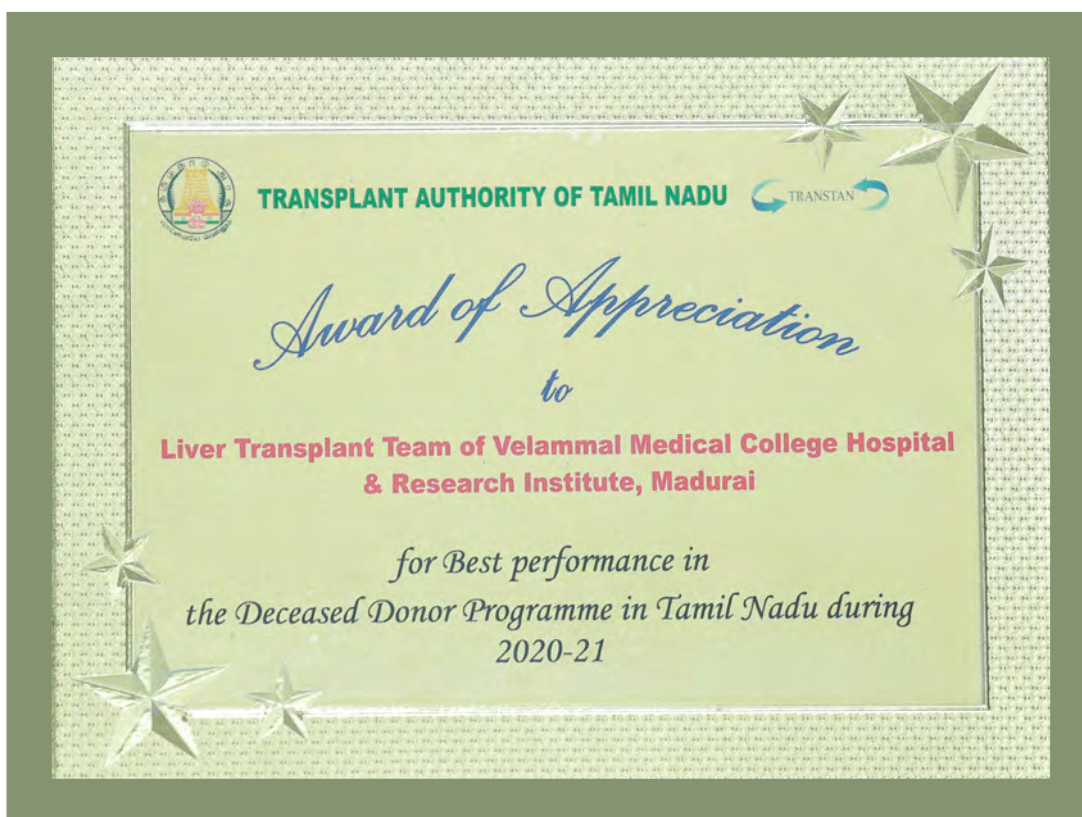
VELAMMAL MEDICAL COLLEGE
HOSPITAL AND RESEARCH INSTITUTE



ANNUAL REPORT

2020 - 2021

AWARDS



Velammal Medical College Hospital & Research Institute

Mission

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.

Vision

To build a healthy society of sound body, mind and spirit through quality education and health care 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 generation to come.



VELAMMAL MEDICAL COLLEGE
HOSPITAL AND RESEARCH INSTITUTE

Annual Report - 2020-2021



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,
Viranganoor, 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. T. Thirunavukkarasu
Dean

Velammal Medical College
Hospital and Research Institute

Er. R. Manivannan
CAO

Velammal Medical College
Hospital and Research Institute

Dr. S. R. Dhamodharan
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.T. Thirunavukkarasu	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.T. Thirunavukkarasu	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.T. Thirunavukkarasu	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 and Department
1	Dr. T. Thirunavukkarasu	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. T. Thirunavukkarasu	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

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INTRODUCTION



Velammal Medical College Hospital & Research Institute was commissioned by Velammal Educational Trust at Madurai. The institution obtained the Essentiality Certificate from the Government of Tamil Nadu during the year 2012 to start the Medical College from the Academic year 2013-14 onwards. With a functional Hospital the Medical College was commissioned which got affiliated to The Tamil Nadu Dr.M.G.R. Medical University and got approved annual student intake of 150 MBBS students per year from the Academic year 2013-14 from the National Medical Council of India. In 2020, our institution was accorded permission by the National Medical Council to start the broad speciality Post Graduation courses with total number of 43 seats in various departments.

During the Covid-19 pandemic crisis, our facilities were the most sought hospital in critical care. Velammal Medical College Hospital have treated more than 7000 Covid-19 patients with an excellent recovery record. Our healthcare system is outfitted with cutting-edge laboratory facilities with NABL accreditation and are operational 24/7. In 2020, our hospital treated 2,83,379 out patients, 27,005 in-patients, performed 6,212 Major surgery, 10,780 minor surgery and 719 birth.

Our facility is renowned for its renal and liver transplant initiatives. We have successfully performed 37 liver transplants and 64 renal transplants since 2017. The Ministry of Health and Family Welfare and the Government of Tamil Nadu have recognized Velammal Medical College Hospital as the most outstanding private hospital in Tamil Nadu for organ transplantation for the third year in a row.

Time and again, the Velammal Educational Trust for social cause has shown its support and stood in firm solidarity during the natural flood calamities in Kerala and Tamil Nadu. One Crore financial help was rendered to each government. Two Lakhs worth of Medicines were donated to the victims of Kerala flood. Free Medical camps were conducted in flood hit areas in Tamil Nadu and free fuel given for all vehicles which provided emergency services to flood hit areas in Tamil Nadu. The “KUNJARAVALLI TRUST” was formed with generous donation from donors and the institution matching the amount to provide life time free treatment for Cardiac and cancer patients. Rupees 25 lakhs was gifted to the Tamil Chair in Harvard University to promote Tamil literacy. Contributions of Velammal Medical College Hospital and Research Institute will be more substantial in the near future, with additional human resource, financial input, advanced treatment and clinical research.

Dr. T. Thirunavukkarasu
Dean
VMCH&RI

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

2021

August 03 : Vaccination centre and Poison Care Centre Inaugurated
August 08 : Bhoomi Pooja for Velammal Global Hospital
August 14 : Awarded Best Transplant Hospital in South Tamilnadu by Govt. of Tamilnadu
August 15 : Awarded Best Service Award by Govt. of Tamilnadu during COVID-19 Pandemic



Velammal Hospital is the largest private hospital in south Tamilnadu located in the heritage city of Madurai. Right from inception VMCRI has been focusing on raising the overall standard by bench marking with the best in the country and giving greater emphasis on world class medical service. The hospital spread across 140 acres of land with a built-up area of 2 million (20 lakhs) Sq.feet.

There are around 2100 beds and state of the art infrastructure with all facilities to serve patients at full occupancy rate. Around 450 top-notch doctors in relevant disciplines are part of the Velammal Hospital family. It includes 111 doctors, 1100 nurses and 250 technicians who are warm hearted, responsive, qualified and experienced to run the show with ease. Velammal Hospital Offers an advanced array of primary and speciality medical care services with 21 operation theatres, 55 dialysis units, 2 cath lab, and other supporting facilities and amenities all in abundance to reduce process time and provide comfortable patient experience.

There are around 7 pharmacies spread across the campus that functions round the clock to enable prompt delivery and easy accessibility. Velammal Hospital had never made any bit of compromise on its expense and efforts in bringing up the facility in abundance with state-of-the-art technology.

Velammal groups have a predominant presence in varied domains of education and service. With the strong lineage from the Velammal group, Velammal Hospital Leaves no stone unturned to bring unparalleled service inpatient care. The infrastructure with global standards, superlative technology, eminent doctors, certified technicians, skilled supporting staff, scientifically proven systems along with strong culture and values stay alive as it continues to grow, nurturing it to be an excellent healthcare service provider.

ESTABLISHING A CENTRE OF EXCELLENCE IN MEDICAL CARE



No.1

*Multi-speciality Hospital
in South Tamilnadu*

2100

*Well-equipped
Beds*

450+

*Renowned Doctors
and Surgeons*

1100+

*Dedicated
Nursing Staf*

250+

Expert Technicians

6 Lakh +

Patients Treated

50,000+

Operations Conducted

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 Tamil Nadu, 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	8
	Cadaver	48
Kidney	Live	25
	Cadaver	56
Pancreas	Cadaver	2

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 3 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.

BLOOD BANK



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.

INTENSIVE CARE UNIT



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:

LABORATORIES



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

Biochemistry

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

Teaching Lab



Museum



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.Suganthi	Professor
3	Dr.M.Jeyakumar	Assistant Professor
4	Dr.Mamtha T.Shenoy	Assistant Professor
5	Dr.A.Hariharan	Assistant Professor
6	Dr.E.Vignesh	Tutor
7	Dr.B.Vaideki	Tutor
8	Mrs.A.Kavitha	Tutor

Teaching Lab



Research Lab



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 DeoraoBele	Professor
2	Dr.Trupti Bodhare	Professor
3	Dr.B.T.Sudhir Ben Nelson	Associate Professor
4	Dr.N.Munish	Assistant Professor
5	Dr. B. Sudharsan	Assistant Professor
6	Dr.V.Sriandaal	Assistant Professor
7	Dr.B.Rita	Assistant Professor
8	Dr.R.Malarvani	Medical Officer
9	Dr.Venmathi	Tutor
10	Mr. J. Vijay Anto	Statistician

Museum



Research Lab



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.

Goal

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.

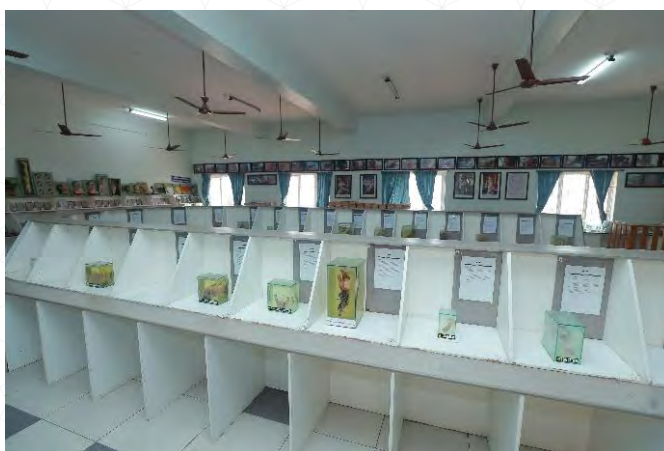
Faculties

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.Asaitambi	Tutor

Teaching Lab



Museum



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	Associate Professor
4	Dr. G. Vithiya	Associate Professor
5	Dr. S. Raja	Associate Professor
6	Dr. C. Swaminathan	Tutor
7	Dr. C. Sai Sailoli	Tutor
8	Dr. T. Priyanka	Tutor

Teaching Lab



Museum



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.

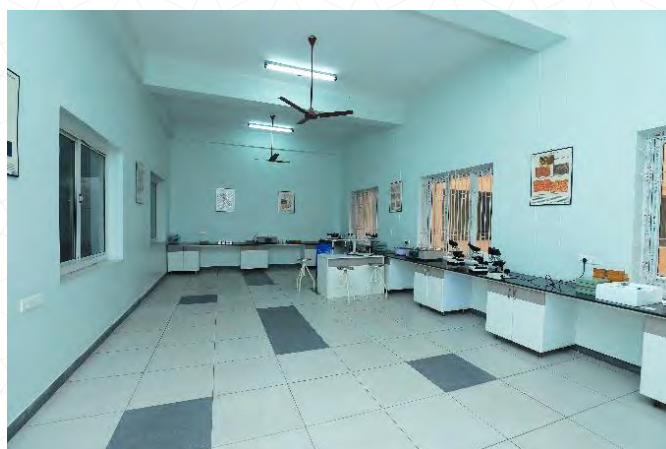
Faculties

S.No	Name of the Faculty	Designation
1	Dr.Usha Ravikumar	Professor
2	Dr.K.Yegumuthu	Associate Professor
3	Dr.R.Lavanya	Associate Professor
4	Dr. C. Jagan	Associate Professor
5	Dr.R.Sudhakar	Assistant Professor
6	Dr.K.R.Vijayabaskar Mithun	Assistant Professor
7	Dr.R.Poongodi	Assistant Professor
8	Dr.Eniya	Assistant Professor
9	Dr.P.Poorana Priya	Assistant Professor
10	Dr.R.Priya Vaishnavi	Assistant Professor
11	Dr.Anushiya	Tutor
12	Dr.Satiya devi	Tutor
13	Dr.Jozhi	Tutor
14	Dr.C.Kavyapriya	Tutor
15	Dr.C.Monishaa	Tutor

Teaching Lab



Research Lab



DEPARTMENT OF PHARMACOLOGY

About the Department

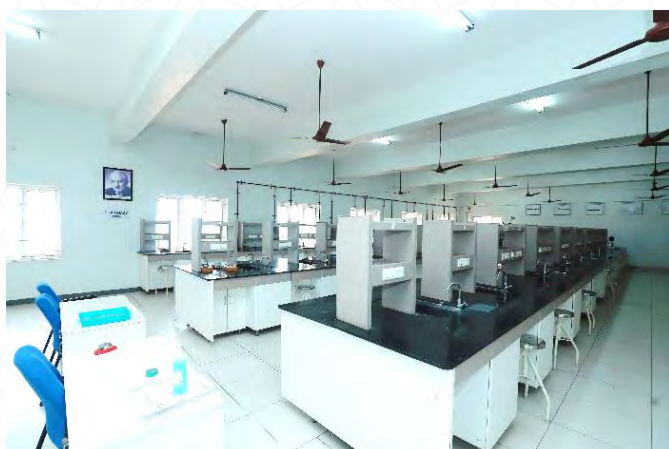
“Learn to care with ethical medications”

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.RajkishoreMahato	Professor
2	Dr.J.Mohan	Professor
3	Dr.T.Brajesh	Assistant Professor
4	Dr.T.Hemalatha	Assistant Professor
5	Dr. S. Sindhu	Assistant Professor
6	Dr.P.Anuratha	Tutor
7	Dr.Navin Kumar	Tutor

Teaching Lab



Teaching Lab



DEPARTMENT OF PHYSIOLOGY

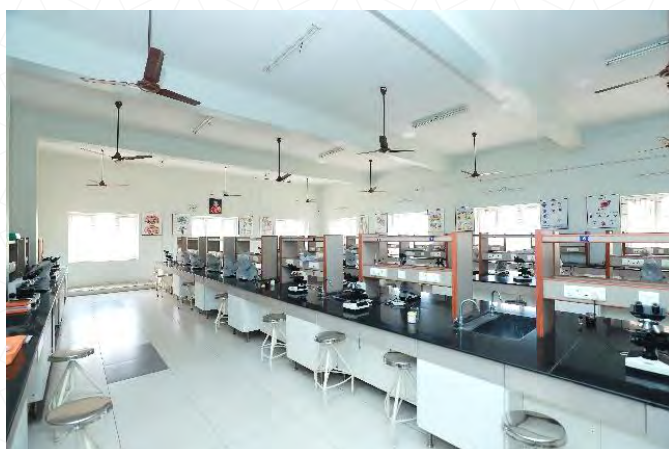
About the Department

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.John Rajpathy	Professor
4	Dr.M.Saravanan	Associate Professor
5	Dr.K.Rekha	Assistant Professor
6	Dr.Samron Moses	Tutor
7	Dr.Banu priya	Tutor

Teaching Lab



Research Lab



PUBLICATIONS 2020– 2021

S.No	Publication title	Author name	Journal name
1	Left bundle branch pacing: A comprehensive review.	Ponnusamy SS, Arora V, Namboodiri N, Kumar V, Kapoor A, Vijayaraman P.	Journal of cardiovascular Electrophysiology.
2	Acute Coronary Syndrome after 17 Years of Bare Metal Stent Implantation: "Very" Very Late Stent Thrombosis	Raghavendra Rao K, S. Reddy, J. R. Kashyap, K. Vikas, Hithesh Reddy, and Vadivelu Ramalingam	Case reports in Cardiology
3	Aborted ST-elevation myocardial infarction – an unusual complication of left bundle branch pacing	Ponnusamy SS, Vijayaraman P	HeartRhythm case reports
4	Comparison of Intravascular Ultrasound Virtual Histology Parameters in Diabetes versus Non-Diabetes with Acute Coronary Syndrome	Reddy S, Kadiyala V, Kashyap JR, Rao R, Reddy H, Kaur J, Kaur N, Ramalingam V	Cardiology
5	Electroanatomical mapping guided low fluoroscopy left bundle branch pacing	Ponnusamy SS, Bopanna D, Kumar S	JACC. Clinical electrophysiology
6	Changing atrial activation patterns during narrow complex tachycardia	Vadivelu R, Lokhandwala Y, Bansal R	Journal of cardiovascular electrophysiology
7	Left bundle branch pacing guided by premature ventricular complexes during implant	Ponnusamy SS, Vijayaraman P	Heart Rhythm Case Rep
8	Status of Acute Myocardial Infarction in Southern India During COVID-19 Lockdown: A Multicentric Study	Meenakshisundaram R, Senthilkumaran S, Thirumalaikolundusubramanian P, Joy M, Jena NN, Vadivelu R, Ayyasamy S, Chandrasekaran VP	Mayo Clinic proceedings. Innovations, quality & outcomes
9	Acute hemodynamics of cardiac sympathetic denervation	Sinkar K, Bagchi A, Mahajan A, Vadivelu R, Venkatraman M, Motwani R, Vichare S, Joshi S, Parikh D, Vaz J, Lokhandwala Y	Indian pacing and electrophysiology journal
10	Narrow QRS tachycardia with atrial and ventricular cycle length wobbling: What is the mechanism?	Ponnusamy SS, Ganesan V.	Pacing and clinical electrophysiology
11	Catheter ablation of Pediatric Atrioventricular nodal re-entrant tachycardia	Ponnusamy SS, Muthu G, Anand V.	The Journal of innovations in cardiac rhythm management
12	Arrhythmia in Children and Adolescents and Outcome of Radiofrequency Ablation for Tachyarrhythmias - A Single Center Experience Over 16 Years	Bera D, Ramalingam V, Rath C, Sharma R, Bachani N, Lokhandwala Y	Indian pediatrics
13	Association of culprit lesion plaque characteristics with flow restoration post-fibrinolysis in ST-segment elevation myocardial infarction: an intravascular ultrasound-virtual histology study	Rao K R, Reddy S, Kashyap JR, Ramalingam V, Dash D, Kadiyala V, Kumar S, Reddy H, Kaur J, Kumar A, Kaur N, Gupta A	The Egyptian heart journal
14	Selective left bundle branch pacing for pediatric complete heart block	Ponnusamy SS, Muthu G, Bopanna D	Indian pacing and electrophysiology journal

15	Inferior Alveolar Nerve Canal Segmentation by Local Features based Neural Network Model	Maheswari, P.U., Banumathi,A., Ulaganathan, G., Yoganandha, R	IET Image Processing
16	Potential Antibacterial efficacy of garlic extract on Staphylococcus aureus, E.coli & K. Pneumoniae: An in vitro study	Abidullah M, Jadhav P, Sujan SS, Shrimanikandan AG, Reddy CR, Wasan RK	Journal of pharmacy and bioallied sciences
17	Anaesthetic Efficacy of Lidocaine & Articaine in inferior alveolar nerve block complicated with buccal infiltration in patients with irreversible pulpitis	Gandhi SA, Das S, Das A, Agnihotri Y, Mohan RV, Dasu Subramanian VR	Journal of pharmacy and bioallied sciences
18	Vanishing left bundle branch potential during physiological pacing	Ponnusamy SS	Europace
19	Uncommon modes of initiation of 'A on V' narrow QRS tachycardia: What are the mechanisms?	Bansal R, Vadivelu R, Lokhandwala Y	Pacing and clinical electrophysiology: PACE
20	Impact of plaque burden and composition on coronary slow flow in ST-segment elevation myocardial infarction undergoing percutaneous coronary intervention: intravascular ultrasound and virtual histology analysis	Reddy S, Rao K R, Kashyap JR, Kadiyala V, Reddy H, Malhotra S, Daggubati R, Kumar S, Soni H, Kaur N, Kaur J, Ramalingam V	Acta cardiologica
21	Ventricular tachycardia as the presenting feature in two patients with cardiac lipoma and cardiac fibroma	Vadivelu R, Bohora S, Bachani N, Sharma R, Panicker G, Lokhandwala Y	Indian pacing and electrophysiology journal
22	How to implant His bundle and Left bundle branch pacing leads – Tips and Pearls	Ponnusamy SS, Vijayaraman P	Cardiac failure review
23	How significant is the radiation exposure during electrophysiology study and ablation procedures for supraventricular tachycardia?	Bagchi A, Vadivelu R, Rathi C, Chavan BG, Lokhandwala Y	Indian heart journal
24	QRS alternans during right ventricular pacing while ablating a concealed left sided accessory pathway	Bansal R, Vadivelu R, Sternick EB, Lokhandwala Y	Indian pacing and electrophysiology journal
25	Electrocardiography guided left bundle branch pacing	Ponnusamy SS, Vijayaraman P	Journal of Electrocardiology
26	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 Sengottaiyan, Vijay Anto James	Journal of Evidence Based Medicine and Healthcare
27	Relation of Serum Cholinesterase with Clinical Severity and Treatment Outcomes of Organophosphorus Poisoning in a Tertiary Care Center, a Prospective Observational Study	P. Yuri Gagarin, R. Lavanya Rajagopal	International Journal of Contemporary Medical Research
28	Clinical profile & outcomes in organophosphorus poisoning in a tertiary care centre, a prospective observational study	P. Yuri Gagarin, R. Lavanya Rajagopal	International Journal of Medical Research & Review
29	Role of mean platelet volume as predictive. Master of hypertensive vascular complications	R. Lavanya Rajagopal, P. Yuri Gagarin	Journal of Evidence based Medical Health Care Advance in Medicine

30	Self gripping mesh versus polypropylene mesh in ventral Hernia repair- an observational study	V. Om Kumar, Venkatesh Subbiah	International Surgery Journal
31	Acute Pancreatitis in Children – A Retrospective Observational Study in a South Indian Tertiary Care Hospital	Arun AC, Jenish Rajma	International Journal of Medical Reviews and Case Reports
32	Hyperpigmentation in a newborn: Not to forget this common cause in tropical countries: A case report	Jenish R, Arun AC	Sri Lankan Journal of Infectious Diseases
33	Screening for congenital Hypothyroidism using cord blood TSH in resource limited settings – An observational retrospective study.	Karthick Raj T, Jenish Rajma, Anu Tresa	Indian Journal of Applied Research
34	Unusual Case of Abscess involved in Head and Neck region caused by Burkholderia species	Sathasivam P, Rajavel S	Otolaryngology International
35	Effect of Lung Specific Yoga Mudras on Pulmonary Function Tests in subjects with FEV1% predicted values less than 80%.	Selvakumar Palaniappan; Ramprassath Muthampatti Siddhan; Anu Sengottaiyan; Saravanan Mohanraj; Rohit Paul	International Journal of Scientific Research in Dental and Medical Sciences
36	Serum Beta2-Microglobulin as a Biomarker in Early Stages of Chronic Kidney Disease	Shenoy, M. T., Rukmini, M. S., Manjrekar, P. A., Hegde, A., & Akshatha, L. N	Journal of Krishna Institute of Medical Sciences University
37	An audit of prescription for rational use of fixed dose drug combinations dispensed in the pharmacy of a tertiary care hospital	Brajesh Thankamony, Jesudoss Prabhakaran, 2 Raj Kishore Mahato, J Mohan	National Journal of Basic Medical Sciences
38	Sero surveillance of Scrub typhus in a tertiary care hospital at Madurai, Tamilnadu, South India	Jhansi Charles, Ramesh, Rajendran, Vithiya	IOSR Journal of Dental and Medical Sciences
39	Jobs Syndrome – Hyper IgE Syndrome	Niranjan Prabhakar, C. Ramesh, Sriandaal Venkateshvaran	International Journal of Medical Science and Current Research
40	Prevalence and Risk Factors of Hypertension, Overweight and Obesity among School Children in Madurai, Tamil Nadu: A Cross Sectional Study.	Trupti Bodhare, Samir Bele, Hareini Murugvel, J. Vijay Anto	Journal of Krishna Institute of Medical Sciences University
41	Knowledge, attitude and practices regarding novel coronavirus disease among adults of mandya city: A cross-sectional study	M. Vinay, A Divya, B R Harish, H Bhagyalaxmi, S Vasumathi, K Shambhulinga	Annals of Community Health



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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