SMVMCH ACHIEVEMENTS

Hospital Achievements

- SMVMCH is accredited by NABH-entry level (Constituent board of Quality Control of India).
- SMVMCH records an average census of 1300 outpatient cases everyday and even surpasses the limit successfully for the past 15 years.
- The Nephrology department performs over 18000 Haemodialysis sessions per year.
- SMVMCH Conducts over 9000 Surgeries in a year with a success rate of more than 99%.
- The Urology department conducts around 1200 major surgeries per year.
- The Cardiology & Cardiothoracic surgery department performs around 1000 cardiac procedures per year apart from 500 successful Open Heart Surgeries.

மீனாக்குள விநாயகர்
மருத்துவக் கல்லூரி மற்றும் மருத்துவமனை

Reach our Admission office also @

CHIDAMBARAM
V. Kodhandaraman
Thirumana Mandapam,
No.35/74, East Street,
Near Theradi, Chidambaram.
Contact Numbers:
97905 58891 / 96776 96629

CUDDALORE
No.25, Bharathi Road,
(Opp to A28)
Cuddalore.
Contact Numbers:
96552 28850 /
99408 63354

KALLAKURICHI
No. 1/24, Gandhi Road,
Nattar VTET Complex,
Near Babu Cycle Store,
Kallakurichi.
Contact Numbers:
95664 52837 / 80727 11348

KARAIKKAL
No.1,Valialar Street,
P.K Sala,
(Shanmuga Hr.Sec.School)
Karaikkal.
Contact Numbers:
73970 75130 /
98944 08924

KUMBAKONAM
No. 2055, Cresent Nagar,
(Opp. to Maruti Suzuki service centre)
Kumbakonam,
Kombakonam.
Contact Number:
95976 88940

KURINJIPADI
No. 7/30, Reddiyar Street,
Near S.K.V.H.Sec.School,
Kurinjipadi.
Contact Numbers:
93444 38055 /
81248 68840

MARAKKANA
M.P. [illegible] Complex,
1st Floor, Opp.to
Marakkanam Bus Stand,
Marakkanam.
Contact Numbers:
97915 53404 /
98948 21035

MAYILADUTHURAI
No. 111, First Floor,
Razak Tower,
(Near Old Cauvery)
Cutchery road,
Mayiladuthurai.
Contact Numbers:
90036 26858

NEYVELI
Office No.30, Gandhi Gramam,
S-78, Naval Path Street,
Opp.to City Union Bank,
Neyveli Plaza Road, Neyveli.
Contact Numbers:
99943 93526 / 99427 44789

PANRUTI
No.5/11,Jayanar Koil Road,
Dhanalakshmi Nagar,
Panruti.
Contact Numbers:
97861 82720 /
96268 10639

THANJAVUR
No. 17 / 595, 1st Floor,
Mannar Sarathiji Nagar,
2nd Street,
Opp. New Bus Stand,
Thanjavur.
Contact Number:
93421 17357

THIRUKOZILUR
No. 53A, (2nd Floor,
South Street,
Kovil Postal),
Thirukozilur.
Contact Numbers:
98421 27879 /
94863 41535

TINDIVANAM
Raja Rajan Mahal,
No. 36/65, Marakanam Road,
(Opp. to Bhisomena's
Girls Hr. Sec. School),
Tindivanam.
Contact Numbers:
87787 61062 / 96007 85649

TIRUVANNAMALAI
No. 8/14, Erettelaiyar
Koil Street,
Tiruvannamalai.
Contact Numbers:
96776 24378 /
99443 91075

ULUNDURPET
No.8 Salem Main Road,
Ist. Floor, R.B.Complex,
Near Kalai Arangam,
Ulundurpet.
Contact Numbers:
94895 00168 /
89250 30255

VILLUPURAM
Trichy Trunk Road
(Woodlands Hotel
Junction),
Villupuram.
Contact Numbers:
99947 08636 /
98946 17998

VIRUDHACHALAM
Near Kanmani Computer Press,
Opp. KVB, Kattu Koodalur Road,
(A.B.C. Road),
Virudhachalam.
Contact Numbers:
96009 89508 / 98944 98073

SRI MANAKULA VINAYAGAR ENGINEERING COLLEGE

.....An Autonomous Institution.....

Madagadipet, Puducherry - 605 107

23 YEARS OF ACADEMIC EXCELLENCE

All the Training and Practical cum Internship will be Provided at
Sri Manakula Vinayagar Medical College and Hospital

Admission Enquiry Office also @ Puducherry
CITY CENTER: # 58 A, Villianur Main Road, Pavazha Nagar, Reddiyarpalayam - 605 010
Phone: 0413 - 2642000 / 2641151 Mobile No. 63812 70732 email: smvec@smvec.ac.in web: www.smvec.ac.in

SCHOOL OF ALLIED HEALTH SCIENCES

UG Programme in Professional Environment for the Academic Year 2021-22

Courses Offered

UG PROGRAMMES - 3 YEARS + 1 YEAR INTERNSHIP

- B.Sc. - Cardiac Perfusion Technology - (CPT)
- B.Sc. - Neuro Care Technology - (NCT)
- B.Sc. - Respiratory Care Technology - (RCT)
- B.Sc. - Optometry - (OPT)
- B.Sc. - Cardiac Lab Technology - (CLT)
- B.Sc. - Medical Lab Technology - (MLT)
- B.Sc. - Radiography & Imaging Technology - (RGIT)
- B.Sc. - Renal Dialysis Technology - (RDT)
- B.Sc. - Reproductive Medicine & Clinical Embryology - (RMCE)
- B.Sc. - Urocare Technology - (UCT)
- B.Sc. - Medical Ultrasonography - (MUS)
- B.Sc. - Hematology & Blood Bank Technology - (HBBT)
- B.Sc. - Operation Theatre & Anesthesia Technology - (OTAT)
- B.Sc. - Emergency Medicine Technology - (EMT)
- B.Sc. - Critical Care Technology - (CCT)

DIPLOMA PROGRAMMES - 2 YEARS

- DMLT - Diploma in Medical Lab Technology
- DOTAT- Diploma in Operation Theatre & Anesthesia Technology
- DRGIT - Diploma in Radiography & Imaging Technology
- DORA - Diploma in Dental Operating Room Assistant

ABOUT SAHS

The School of Allied Health Sciences was established in the year 2020 under the roof of Sri Manakula Vinayagar Engineering College, an Autonomous institution with 'A' grade accreditation by NAAC and affiliated to Pondicherry University. The school offers degree and diploma courses in Allied health sciences with an excellent training facility at Sri Manakula Vinayagar Medical College & Hospital, known for its reputation in offering medical courses and treatment, which is one of the sister concerns of SMVEC. The courses are affiliated to Pondicherry University.

1 Cardiac Perfusion Technology

B.Sc., Cardiac Perfusion Technology

Cardiac perfusionists are allied health professionals who are trained to operate the heart lung machine and maintain the patient's physiological status during cardiac surgery. The Skilled and qualified perfusionists have wide job opportunities with attractive pay as:

- Perfusionists in health care institution offering cardiac thoracic surgery services to operate
  - ECMO and Heart Lung / Cardiopulmonary Bypass machine
- Instructor in the school of AHS offering the course
- Sales & Marketing of perfusion technology equipments
- Technical person in industries manufacturing related equipments

2 Neuro Care Technology

B.Sc., Neuro Care Technology

Students of NCT learn the basic medical sciences and specialize in the investigation of Neurological diseases. They learn the techniques of Nerve conduction studies and investigation of muscular diseases.

- They find placement in hospitals with neurology and neurosurgery department as a neuro care technologist in
  - EEG
  - EMG
  - PSG
  - Sleep Lab
  - Neurosurgery OT
  - ICU
- They can also work in medical school as a clinical instructor involved in teaching students of these courses and in research institutions.
- Sales & Marketing of equipments related to Neuro Care Technology.

3 Respiratory Care Technology

B.Sc., Respiratory Care Technology

Respiratory care courses train the students to diagnose and treat cardio pulmonary problems and perform diagnostics test related to lung functions.

- They are also trained to assist the physicians in performing invasive procedures like Bronchoscopy.
- As a Sonographer in performing Endobronchial Ultrasound (EBUS)
- They can find placement in various specialities of a hospital as emergency management technicians in
  - Respiratory care
  - Anesthesiology
  - Respiratory
  - Intensive care units
  - Rehabilitation centers
  - Critical and emergency care unit
- They may also work in labs offering pulmonary functions test.
- Sleep lab-technologist
- Airway Management Technician
- They can also work as instructors in the school of AHS offering the course.

4 Optometry

B.Sc., Optometry

The students of Optometry learn the basic human anatomy and physiology of the eye and the infective and non-infective diseases of the eye. They learn to identify the common ailments of eyes including visual defects, Cataract, trauma and its management. They also learn to detect the refractive errors of the eye and dispensing of lenses.

- Skilled optometrists find a good placement in all hospitals offering ophthalmic services, such as
  - Eye clinics - Refractionist
  - Eye banks
  - Own an optical shop
- Assist Ophthalmologist in surgeries as operation theater technologists.
- Interested candidates can pursue post graduation and also work as clinical tutors in institutions offering optometry course.
- They can work in industries manufacturing opticals as technologist and as sales / marketing executives

SPECIALITY DEPARTMENTS

- General Medicine
- Paediatrics
- Psychiatry
- Dermatology Venerology&Leprosy
- General Surgery
- Orthopaedics
- Obsterics & Gynaecology
- Ophthalmology
- Pulmonology
- ENT
- Anaesthesia
- Dentistry

SUPER SPECIALITY DEPARTMENTS

- Nephrology
- Neurology & Neurosurgery
- Cardiology & Cardio Thoracic Surgery
- Gastroenterology
- Urology
- Plastic Surgery
- Medical Oncology & Surgical Oncology

Hospital Facilities

- Sri Manakula Vinayagar Medical College and Hospital is an Ultra-modern,multispeciality tertiary care hospital with medical research facilities. The Hospital has an inpatient capacity of more than 1,000 beds, with an exclusive of 1,000 critical care beds in different specialities.
- As a tertiary care hospital, the services are complemented with a day care center, outpatient facilities and an exclusive center for health check-ups. More than 300 experienced doctors in various specializations on hand for treatment.
- With an Objective, Preventive health is the need of the hour for health conscious people, we have designed different specific Health Care centres for the needy.The packages for check - up ranges from normal check-up to a comprehensive medical check-up which can be further tailor-made and cost customized to suit various requirements. The Hospital's catering department serves nutritious vegetarian food under the guidance of qualified dieticians.
- An in house pharmacy provides all essential medicines, medical and allied services to the patients, thus ensuring total control over the quality of drugs administered to patients.
- The hospital has computerized all admission, billing and discharge procedures to save time.
- Inpatient Services available.
- 1,000 bedded ultra modern tertiary care hospital
  100 Special Private ward beds with A/C
  12 Ultra Modern operation theaters with laminar flow

24 X 7

- Accident & Emergency Unit
- Pharmacy
- Medical Intensive Care Unit
- Surgical Intensive Care Unit
- Paediatric Intensive Care Unit
- Intensive Trauma Care Unit
- Lab & Radiology Services
- Ambulance Services
- Cashless Services

DIAGNOSTIC SERVICES

- MRI Scan 1.5 Tesla
- Cath Lab
- CT Scan
- Ultra Sound
- Color Doppler
- X-ray Radiography
- Echo Cardiography
- Thoracoscopy
- Pulmonary Function Test
- Endoscopy
- Colonoscopy
- Radiology and Imaging Sciences
- Mammography
- Tread Mill Test
- ECG/EEG/EMG
- Lab services includes Biochemistry, Microbiology,Histopathology etc.

5 Cardiac Lab Technology

B.Sc., Cardiac Lab Technology

Students learn the basic medical sciences and specialize in Cardiac lab technology like ECG, ECHO, Angiogram, Tread-mill and advanced techniques used in diagnosis of cardiac diseases.

- Successful candidates find a good placement as a Cardiac lab technologist in health care institutions both in government and private sectors as
  - ECG technician
  - ECHO technician
  - Cath lab technician
  - Coronary ICU technician
- They can also work in industries manufacturing these equipments as technologists and Sales/Marketing executives.
- Pursue higher education and work as clinical tutor in medical schools offering such courses.

6 Medical Lab Technology

B.Sc., Medical Lab Technology

Students of MLT learn the basic human anatomy and physiology and the common infective and non-infective diseases of the body. They learn to perform various laboratory test in the Department of Pathology, Bio-Chemistry and Microbiology.

- They have wide opportunities as a medical laboratory technologist in all hospitals
- Pathology Lab (Hematology Lab, Blood Bank, Histology, Cytopathology)
- Biochemistry
- Microbiology (Bacteriology, Virology, Serology, Parasitology, Mycology, Mycobacterial)
  - Laboratories
  - Diagnostics centers
  - Research centers
- Medical schools and
- Run a own Diagnostic Laboratory
- Sales/Marketing executives of laboratory products
- They can pursue higher studies and also have an opportunity in teaching career in medical schools offering such courses.

7 Radiography & Imaging Technology

B.Sc., Radiography & Imaging Technology

Students learn the basic medical sciences and specialize in diagnostic imaging techniques like X-ray, MRI, CT-Scan, Ultrasound and advanced imaging techniques in the higher medical specialities qualified and skilled degree holders have a good job opportunities

- In hospital
  - Radiographers – X-ray, CT scan, MRI, Mammography, CAT scan
  - Sonographer
  - Nuclear Medicine technologist
  - Radiotherapy technologist
  - RSO – Radiation Safety Officer
- Diagnostic centers
- Medical schools as a tutor
- Work in industries manufacturing imaging equipments as sales/marketing or technical person

8 Renal Dialysis Technology

B.Sc., Renal Dialysis Technology

Students of RDT learn the basic medical sciences covering Anatomy, Physiology, Bio-Chemistry, Pathology and Microbiology. They learn the diseases in general and specialize in diseases related to kidney. They learn the techniques of Renal dialysis, Peritoneal dialysis and advanced techniques of dialysis. With the increase in the number of hospitals offering dialysis services the graduates have a good opportunity of getting a placement in

- Hospitals as Dialysis technologists in
  - Dialysis center (HD and CRRT)
  - Technicians in ICU's
  - All clinical labs (Pathology, Microbiology, Biochemistry)
- Pursue a career as clinical instructor
- They can find a placement in industries manufacturing the equipments related to dialysis equipment as sales and marketing executives

9 Reproductive Medicine & Clinical Embryology

B.Sc., Reproductive Medicine & Clinical Embryology

Students of RMCE learn the basic anatomy & physiology of Reproductive system and other allied basic medical sciences. They learn the Techniques of Assisted Reproductive and Technology (ART) for assisting the gynecologists in treating cases of infertility which is becoming a common problem among young couples. Qualified graduates find a placement in hospitals offering

- Assisted Reproductive Technology services (IVF,IUI, ICSI, GIFT, ZIFT) and thus play an important role in a noble cause of providing parenthood
- Fertility Counselors
- Embryologists
- Andrologist
- Clinical Instructors in medical schools offering the courses
- Industries involved in manufacturing equipment related to reproductive medicine

10 Urocare Technology

B.Sc., Urocare Technology

Students will learn the basic medical sciences and specialize in diseases associated with genito urinary system. They are trained in Urological procedures like Catheterization, Cystoscopy, extracorporeal shockwave lithotripsy (ESWL), Uroflowmetry, Urodynamic studies and pre operative and post operative care. Qualified graduates find a placement in

- Hospitals offering urology services both in the govt and private sectors as technologist in operating
  - ESWL
  - Assist urology surgeon in OT
  - Post-operative care (ICU)
- They can also pursue a career as clinical tutor in medical schools offering the course
- They can also work as technologist in industries manufacturing urocare equipments

11 Medical Ultrasonography

B.Sc., Medical Ultrasonography

Students will learn the basic medical sciences and specialize in the techniques of Ultrasonography of various parts. They have a wide job opportunity as trained technologist to radiologist in

- Hospital as Sonographers in
  - Obstetric Ultrasound
  - EBUS in Pulmonology
  - 4D CVS Ultrasound in cardiology
  - Transcranial Doppler in Neurology
  - Color Doppler Ultrasound
  - A Scan/ B Scan in Ophthalmology
  - Ultrasound guided needle placement
  - Nerve Blocks in Anaesthesia
- Diagnostics centers
- Sales and Marketing Executive
- Clinical Tutor
- Research Scientist

12 Hematology & Blood Bank Technology

B.Sc., Hematology & Blood Bank Technology

Students will learn the basic medical sciences and specialize in the techniques of Blood banking, transfusion and hematology. They have a wide job opportunity as trained technical person in

- Hospitals
  - Blood transfusion technologist
  - Apheresis technologist
  - Hematology Lab incharge
  - Quality Assurance technician in Labs
  - HLA / Immunogenetics lab technologist
- Blood banks
- Clinical labs
- Tutors in medical schools
- Sales/marketing executives of blood bank related products
- Regulatory Experts in Government Sector

13 Operation Theatre & Anesthesia Technology

B.Sc., Operation Theatre & Anesthesia Technology

Students will learn the basic medical sciences and specialize in the techniques of pre-operative preparation, post operative care, administration of Anaesthesia, and monitoring of patients during and after surgery, techniques of sterilization and emergency management. They have a wide job opportunity as trained technical person in

- Hospitals as technologist in all operation theatres
  - CTVS - Cardiothoracic and Vascular Surgery
  - Neurosurgery
  - Plastic surgery
  - Urology
  - General Surgery
  - OBG - Obstetrics and Gynaecology
  - Opthalmolgy
  - ENT
  - Surgical Gastroenterology
- Assists Surgeon as Physician assistant
- In Industries manufacturing OT and Anaesthesia related equipments and consumables
- Tutor in medical schools offering the course

14 Emergency Medicine Technology

B.Sc., Emergency Medicine Technology

Students will learn the basic medical sciences and specialize in management of medical and surgical emergencies like Cardiac arrest, Asthma, TRAUMA, Poisoning, Cerebro vascular accidents, animal and snake bites etc. They have a wide job opportunity as trained technical person in

- Emergency care units
- Intensive care units
- TRAUMA care units
- Clinical tutor in medical schools offering the course
- Sales/marketing executives in health care industries

15 Critical Care Technology

B.Sc., Critical Care Technology

Students will learn the basic medical sciences and specialize in management of medical and surgical Intensive care patients in monitoring critical life saving equipments, recording of data, further providing basic life support if required. They have a wide job opportunity as trained technical person in

- Emergency care units
- Intensive care units
- Critical care units
- Coronary Intensive Care Unit (CICU)
- Surgical Intensive Care Unit (SICU)
- Paediatric Intensive Care Unit (PICU)
- Neonatal Intensive Care Unit (NICU)
- Clinical tutor in medical schools offering the course
- Sales/marketing executives in health care industries.

16 Diploma in Medical Lab Technology - (DMLT)

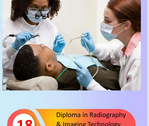
Students will learn the basic medical sciences and specialize in laboratory diagnosis of infectious and non-infectious diseases and the various laboratory test perform in the departments of Bio-Chemistry, Pathology, Microbiology and Blood bank. They have a wide job opportunity as trained technical person in

- Hospitals
- Diagnostic centers

17 Diploma in Operation Theatre & Anaesthesia Technology – (DOTAT)

Students will learn the basic medical sciences and specialize in the techniques of pre-operative preparation, post operative care, administration of Anesthesia, and monitoring of patients during and after surgery, techniques of sterilization and emergency management. They have a wide job opportunity as trained technical person in

- Hospitals



18 Diploma in Radiography & Imaging Technology (DRIT)

Students learn the basic medical sciences and specialize in diagnostic imaging techniques like X-ray, MRI, CT-Scan, Ultrasound and advanced imaging techniques in the higher medical specialties. Qualified and skilled degree holders have a good job opportunities in

- Hospitals
- Diagnostic centers
- Industries manufacturing imaging equipments as sales / marketing or technical person
- Students can pursue higher studies

19 Diploma in Dental Operating Room Assistant – (DORA)

Students learn the basic medical sciences and specialize in pre-operative per-operative and post-operative dental care. They assist the dentist in various surgical procedures done in dental hospitals. They have a wide job opportunity as trained technical person in

- Hospitals
- Dental clinics
- Industries manufacturing imaging equipments as sales/marketing or technical person
- Students can pursue higher studies