

Medical college and Hospital

An autonomous institution



PUDUCHERRY

The union territory of Puducherry consists of four small unconnected districts: Puducherry, Karaikal and Yanam on the Bay of Bengal and Mahe on the Arabian Sea. Puducherry and Karaikal have the largest areas and population, and are both enclaves of Tamil Nadu. Yanam and Mahe are enclaves of Andhra Pradesh and Kerala respectively. The territory has an area of 492 square kilometers Puducherry 293 km², Karaikal 160 km², Mahe 9 km² and Yanam 30 km². Its 2011 population was 1,244,464. This unusual geography is a legacy of the colonial period with Puducherry retaining the borders of former French India.

The earliest recorded history of Puducherry can be traced to the 2nd century CE. The Periplus of the Erythraean Sea mentions a marketplace named Poduke (ch.60). G. W. B. Huntingford suggested this might be a site about 2 miles from the modern Pondicherry, which was possibly the location of Arikamedu (now part of Ariyankuppam). Huntingford noted that Roman pottery was found at Arikamedu in 1937. In addition, archaeological excavations between 1944 and 1949 showed that it was "a trading station to which goods of Roman manufacture were imported during the first half of the 1st century AD".

Pondicherry, a city built with French elegance, is a place of reverence and peace. It is known nationally and internationally as a center of spiritual and educational excellence. Sri Aurobindo ashram, founded by Sri Aurobindo and the Mother, Sri Manakula Vinayagar temple and the international city of Auroville keep the Union-Territory of Pondicherry at the helm of glory and spiritual talk. The nearest airport is at Chennai (160 km) and railway junction at Villupuram (18 km) and at Pondicherry (20 km). Experience unique with inspiring ambience in Puducherry.

Experience unique with
inspiring ambience in
Puducherry

"The beautiful
thing about
learning is
nobody can take
it away from you."

Contents

Sri Manakula Vinayaga Educational Trust	
Our Founder's Vision	
Chairman's Message	
Introduction & Location	
Courses Offered	
Superspeciality	
Cardiology	
Cardiothoracic surgery	
Nephrology	
Urology	
Neurology	
Neurosurgery	
Paediatric surgery	
Plastic surgery	
Gastroenterology - medical and surgical	
Surgical oncology	
Art Clinic	
Anesthesiology	
Dermatology, Venereology And Leprosy	
Emergency Medicine	
ENT	
General Medicine	
General Surgery	
Obstetrics And Gynecology	
Ophthalmology	
Orthopedics	
Pediatrics	
Respiratory Medicine	
Psychiatry	
Radio Diagnosis	
Diagnostic Services	



Sri Manakula Vinayaga Educational Trust was formed with the avowed objective of imparting quality medical and technical education especially to the rural sections of the society. SMVET was established in the year 1998 under the chairmanship of our beloved founder late Shri. N. Kesavan and is progressing in his vision under the guidance of Shri. M. Dhanasekaran, Chairman and Managing Director, Shri. S.V. Sugumaran, Vice Chairman and Dr. K. Narayanasamy, Secretary. To cherish this objective and to join hands with the policy of the Government of India enhancing medical and technical education to meet the needs of our nation by ensuring the employability of the students, the trust established "Mailam Engineering College" in the year 1998 and "Sri Manakula Vinayagar Engineering College" in 1999. By recognizing the role of teachers in nation building and considering the teaching profession as noble one, the trust has also established "Venkateswara College of Education" in 2005. To provide world class quality health care services to all the sections of society with emphasis on philanthropy and qualitative medical education, the trust has started "Sri Manakula Vinayagar Medical College and Hospital" in the year 2006. The trust has recognized the significance of nursing as a profession which can enrich the services of health care sector and started "Sri Manakula Vinayagar Nursing College" in the year 2007 for the people to attain and maintain optimal healthy life. To meet the ever increasing needs for ultimate technologies which assist in a better tomorrow that would free people from the clutches of old world ideas, the trust has established "Manakula Vinayagar Institute of Technology" in the year 2008 to enhance the career opportunities for the aspiring youth in and around the vicinity. In the area of knowledge driven economy, "Sri Manakula Vinayagar Polytechnic College" was established by our trust in 2011 for carrying out the socio economic developments of the country by yielding professionally expertise in all fields.

Our Institutions



Sri Manakula Vinayagar Medical College and Hospital

Sri Manakula Vinayagar Engineering College

Mailam Engineering College

Manakula Vinayagar Institute of Technology

Sri Manakula Vinayagar Nursing College

Sri Manakula Vinayagar Polytechnic College

Venkateswara College of Education

SMV School

Our group of institutions offer courses in Medicine, Engineering, Nursing, Polytechnic and Education offering **52 courses**. Our campus is spread across **225 acres** of land with built up area of more than **25 lakh sq.ft**. We have more than **12500** students, **2500** employees, **150** buses, hostel accommodation for **2000** students and more than **200** staff quarters

Our Founder's vision

Our Founder Chairman **Shri.N.Kesavan**, a philanthropist and visionary, strongly believes in empowering the society through education. He emphasized upon the good quality education at the grass root level, can only transform the dreams of our nation into a real entity. Also he had a deep concern for extending excellent services in the health care sector to the rural mass and even to the untouched vulnerable section of the society thereby achieving the goal of inclusive growth. We,the employees and students of Sri Manakula Vinayaga Educational Trust are progressing in giving shape to our founder's dream to come true in the near future.

Shri. N. Kesavan, M.A.
Founder

“ Learn with
passion,
serve with
compassion,
lead with
vision. ”



Chairman's message



Sri Manakula Vinayagar group of institutions have been setting standards for excellence in medicine, engineering, technology, nursing and education for the past one decade.

Our basic principles are discipline, excellence and integrating to provide world class quality of education. The main aim of this hospital is to provide affordable healthcare to the masses. We intend to create a continuum of healthcare where the patient and his/her family has faith in our system and the doctor.

Our institutions provide effective teaching, comfortable learning and useful research to prepare and enrich the students with power of knowledge to attain prosperity, higher percentage of results and gold medals at university level and good placements with reputed Industries and firms. We are marching and thriving to achieve national and international standards in quality education. We had also achieved the milestone in many of the projects.

We warmly welcome the students to acquire talents and useful research to shine at the top of their chosen field and the parents for their wards' bright future.

Best wishes and warm regards..

Shri. M. Dhanasekaran M.A., B.Ed., D.Agric, D.F.T
Chairman and Managing Director

If Knowledge
is **power**, then
learning is a
superpower

Board of Directors



Shri. S. V. Sugumaran
(Ex MLA)
Vice Chairman



Dr. K. Narayanasamy
Secretary

Board of Directors



Shri.D. Rajarajan
Treasurer

Mrs. K. Nalini
Trustee

Mrs. D. Geetha
Treasurer

Mrs. V. Nirmala
Trustee

Mrs. S. Kavitha
Trustee



An autonomous institution



- 1180 bedded tertiary care hospital
- First medical college hospital to be accredited by NABH
- Central and state government and private insurance empaneled health services.



Sri
MANAKULA VINAYAGAR
Medical College and Hospital
— Medical college and Hospital —



Dr.D.Rajagovindan,M.D.,
Director



Dr.R.N.Kagne, M.D.,
Deputy Director and Dean



Dr.M.Pragash, D.Ortho., D.N.B
Medical Superintendent



Dr.K.Karthikeyan, M.D.,
Dean (Academic)



Dr.P.Sanjay, M.D.,
Dean (Research)

Introduction:

Sri Manakula Vinayagar Medical College and Hospital (SMVMCH) is one of the reputed medical institutions in Puducherry with world class living and learning atmosphere for the students pursuing medical education. As education is all about creating an environment of academic freedom, where bright minds meet, discover and learn, SMVMCH renders 'service' in order to bring forth the genuine welfare of 'men and mankind' through medical care and cure in terms of attainment of 'positive health for all' and thereby actualizing universal peace and harmony.

Location:

Sri Manakula Vinayagar Medical College and Hospital is situated in the Puducherry-Villupuram national highway (NH-45A) at Kalitheerthalkuppam, Madagadipet, 25 km west of Puducherry and 15 km east of Villupuram. The college is built on a sprawling campus of 40 acres. The cool breeze wafting across the lush, ornate green fields makes the campus a pleasant and conducive place for the pursuit of medical education. The institution is eco-friendly with efficient rain water harvesting system and solar power plant.



**Vision:**

To impart holistic, evidence based medical education, quality patient care and ethical research to become globally recognized centre of excellence.

Mission:

- To undertake continuous quality improvement in patient care and research through accreditations of hospital and laboratories.
- To inculcate clinical skills, professionalism, medico legal responsibilities, managerial and leadership skills among students.
- To promote clinical research and innovative research in basic science for better outcome.
- To encourage MoUs with national and international institutions for centre of excellence.

Values:

SMVMCH recognizes the fact that it is our outstanding and dedicated staff and students, working as a team would make our mission, vision and principle so reality.

The values cherished and promoted in our institute are:

- Excellence in healthcare, education
- Respect for life
- Integrity
- Academic freedom, freedom of speech and the right to differ
- Tolerance of diversity and respect for different ideologies
- Openness, transparency and democratic decision making
- A service-oriented and community-directed philosophy
-

Quality policy:

SMVMCH is committed to emerge as a pioneer in service excellence by fulfilling the medical needs of the community with provision of quality health care through quality management system based on ISO 9001:2015, NABH and NABL standards.

- To fulfill the healthcare needs of our patients using the best clinical practices in an ethical and cost effective manner by a qualified team of doctors and support staff.

- To achieve the desired outcome by establishing a quality assurance and resource management program which ensures that our performance is being monitored by explicit healthcare standards at all times, and also allows our performance to be compared with other well established health care facilities.





Sri Manakula Vinayagar Medical College and Hospital prepares aspiring students to lead a life of accomplishment and service to their profession, to the community, to the nation and to the world with great commitment, resilience and lifelong learning. The college invokes intense training in a wide spectrum of domains that involves human interactions and relationship in various settings including hospital, community and clinics etc. It is recognized by Ministry of Health and Family Welfare and National Medical Council and affiliated to Pondicherry University.



Courses Offered :

Undergraduate course : MBBS (Bachelor of Medicine and Bachelor of Surgery)

Duration 4½ years and 1 year Compulsory Rotatory Residential Internship.

Post Graduate Courses : MD / MS Duration 3 years

MD courses :

- General Medicine
- Tuberculosis and chest Medicine
- Dermatology, Venereology & Leprosy
- Psychiatry
- Pediatrics
- Anesthesiology
- Radiodiagnosis
- Anatomy
- Physiology
- Biochemistry
- Pharmacology
- Pathology
- Microbiology
- Community Medicine

MS courses :

- General Surgery
- Orthopedics
- Oto-Rhino-Laryngology
- Ophthalmology
- Obstetrics & Gynecology



Admission process :

Admission to undergraduate professional courses (NEET based) in the U.T. of Puducherry is through CENTRALISED ADMISSION COMMITTEE (CENTAC)

CENTAC eligibility criteria for admission to MBBS degree course

- The applicant must be an Indian national. However, Non Resident Indian (NRI) / Overseas Citizen of India (OCI) / Persons of Indian Origin (PIO) are also eligible for MBBS admission subject to rules and regulations framed by Government of India.
- Candidates should have completed a minimum of 17 years age. The age will be reckoned as on 31st December of the current year.
- Candidates seeking admission to the M.B.B.S./ B.D.S. degree courses must have passed H.Sc (academic) examination conducted by the board of higher secondary examination of Tamil Nadu or any other equivalent thereto, with a minimum of 50% marks (40% of marks for OBC/ BCM/ MBC/ EBC/ BT/ SC/ ST candidates) in aggregate, in the prescribed subjects of physics, chemistry and biology or bio-technology, botany and zoology. Further they should have studied English as one of the subjects and they must have passed the above four subjects individually.
- The candidate must have qualified in the NEET UG.

The application form of the CENTAC MBBS admission will be available online in www.centaonline.in. Below are the steps to be followed to register for CENTAC MBBS admission.

- The MBBS applicant will need to provide the personal, academic, personal information in the CENTAC application, and also it is mandatory to provide the mobile number.
- The CENTAC applicant will need to upload their scanned images of the colored photograph in the application form.
- The image of the photograph should be between 20 to 25 KB in JPG format only.
- Incomplete or defective CENTAC application form will be rejected and will not be considered.

CENTAC MBBS selection procedure :

- CENTAC will prepare the merit list based on NEET UG score/ rank.
- Based on the merit position and options exercised by the candidate the seat will be allotted.

CENTAC MBBS counseling procedure :

- The MBBS counseling will be held in the offline mode at office of the CENTAC.
- The public notification in the local newspaper/ CENTAC website regarding the counseling will be made.
- One legal guardian/ parent has to be compulsorily present with the candidate at the time of the CENTAC counseling.
- At the time of the CENTAC counseling, the document verification of the candidates will be done first. All the candidates will have to be present along with all the original certificates.
- The candidate will have to pay the CENTAC counseling fee.
- The CENTAC application fee can be paid via online mode only i.e credit card/ debit card/ NEFT
- If the candidate is not available at the specified date and time for the CENTAC counseling, the claim for seat will be cancelled. However, if due to any unforeseen circumstances the candidate is unable to attend the CENTAC counseling, they may inform the CENTAC committee timely and can attend the counseling.
- The candidates who fail to join the college as per the seats allotted in the first round of the CENTAC counseling will not be considered for the second round of the counseling.
- The admission into the all India quota seats too will be based NEET UG score/ rank.

CENTAC eligibility criteria for admission to MD / MS postgraduate courses :

- CENTAC will conduct common counseling for admission of students in postgraduate medical courses in respect of seats allocated for government quota in private medical colleges.
- CENTAC will conduct common counseling for admission of students in postgraduate medical courses in respect of seats allocated for management quota in private medical colleges.
- As per MBBS course regulations 2017 notified by Medical Council of India the student seeking admission to masters in medical/surgery (MD/MS) course, must possess a degree of bachelor in medical surgery (MBBS) from a recognized college and has undergone compulsory rotatory internship of a year in an approved/ recognized medical college.



**Lecture Hall :**

The institution has a well-furnished A/C auditorium, 6 spacious gallery type lecture halls, seminar and demonstration rooms.

Library :

A state-of-art spanning library with 65 ultra-modern computers and 1 Gbps high speed internet connectivity facilities to access 4990 e-books and 8537 e-journals apart from more than 17384 medical books, 115 national and international journals including 1835 back volumes and 1033 medical CD's audiovisual equipment.



**Skills lab :**

State of art skills lab is available with latest mannequins and simulators to tone the skills of the students.

Achievements :

The students and staff have brought many laurels to enrich the academic atmosphere in the institution.

- The excellence in academic performance is evident from university gold medals obtained in various subjects in both undergraduate and post-graduate levels.
- Our students consistently secured top ranks in the Pondicherry University examinations.
- National level conferences and workshops are organized in the Institute by every department.
- Our faculties have published numerous research articles in indexed Indian and international journals. Our faculty conducts research projects funded by national and international funding agencies.
- The undergraduates and postgraduates have won prizes in quiz competitions held at national and international levels.
- Medical education unit conducts periodical faculty development programs for the faculty in various educational modalities and orientation program for both undergraduate and postgraduate students.
- Students are encouraged to take up long term social projects under the guidance of Community Medicine department and four of our students have been selected for international scholarship with FAIMER and represented our college in South Africa for the FAIMER international conference and presented their community-based projects all over the country. Students are also encouraged to do various Short Term Research Projects and qualify for ICMR scholarships. These papers are presented in various medical conferences.





Student activities:

- SMVMCH gives ample opportunities for medical students to develop leadership skills and their extra-curricular and co-curricular talents and skills.
- A grand cultural program and college day celebration is an annual event which students actively participate.
- Students take part with great enthusiasm in the quiz club, red ribbon club and NSS unit are co-curricular activities.
- Students also show case their literary talent in the college magazine which is released every year during this event.
- Students also coordinate an annual three day scientific conference called South Indian Medical Students 'Conference (SIMSCON). The conference comprises of pre-conference workshops, scientific paper and poster presentations, keynote speech and panel discussions, symposium, intercollegiate quiz competition, clinical-pathological conference, banquet dinner and networking.
- Intercollegiate sports events are organized by the students with the support of the management. Students coordinate and conduct the annual sports inter-collegiate sports festival called ARENA, which is well participated by various medical colleges.

Student Support System (Mentor Mentee Program):

Every student has a mentor to guide the student and motivate them throughout the course for their wholesome development.

NSS unit:

Our student NSS unit actively involves in creating social awareness, blood donation, community development and environment awareness.

Outreach activities:

SMVMCH takes pride in serving the community in UHC, PHC, mobile camps and school health camp.

Transport:

The college provides bus facilities for staff and students. It operates buses and vans from Puducherry and Villupuram covering most of Puducherry, Villupuram and Cuddalore districts of Tamil Nadu state. Separate transport facility is offered for those who wish to spend their time after 5.00 p.m. in the college for utilizing internet, library, digital library, sports facilities and so on.

Sports:

Facilities and play grounds for football, badminton, basketball, volley ball, cricket, table tennis and indoor games are available.

Hostel:

Separate well- established and fully furnished hostel facilities including gymnasium are available for both boys and girls. Application for accommodation in the hostels should be made in the prescribed form. In the hostel mess, both vegetarian and non-vegetarian food is provided. Well-furnished guest rooms are available for the comfort of visitors.





Hospital facilities:

Sri Manakula Vinayagar Medical College and Hospital is an ultra-modern, multi-specialty tertiary care hospital with medical research facilities. It has an in-patient capacity of 1180 beds exclusive of 150 critical care beds in different specialties and special private ward beds with air-condition. The hospital has 13 ultra-modern operation theaters with laminar flow for performing variety of surgeries.

As a tertiary care hospital, the services are complemented with a day care center, out-patient facilities and an exclusive center for health check-ups. With over 300 doctors, there is always an experienced specialist on hand to treat.

Preventive health is the need of the hour for health-conscious people. With this in mind, we have designed different specific health check-up packages ranging from basic pre-employment check-up to a comprehensive medical check-up. These can be further tailor-made and cost-customized to suit various requirements. The hospital's dietary 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 admissions, billing and discharge procedures to save time.

ACCREDITATION:

The prestigious and reputed national quality certifying authorities — NAAC, NABH and NABL have accredited our institute.

- Sri Manakula Vinayagar Medical College and Hospital – NABH accredited
- Laboratory services (tests), SMVMCH – NABL accredited
- Sri Manakula Vinayagar Medical College – NAAC accredited
- Ethics Committee – NABH and SIDCER accredited

Sri Manakula Vinayagar Medical College and Hospital is ISO 9001: 2015 certified institution. It has periodical EQAS for biochemistry laboratory by CMC, Vellore, pathology laboratory by AIIMS, New Delhi and RML, Lucknow and microbiology laboratory by JIPMER, Puducherry.

24X7 services

- Emergency medical services with intensive trauma care unit
- Medical intensive care unit
- Surgical intensive care unit
- Pediatric intensive care unit
- Neonatal intensive care unit
- Blood transfusions services
- Diagnostic services
- Pharmacy
- Ambulance services



Diagnostic services

- MRI scan 1.5 tesla
- Cath lab
- CT scan
- Ultra sound
- Color doppler
- X-ray radiography
- Thoracoscopy
- Pulmonary function test
- Endoscopy
- Colonoscopy
- Mammography
- Tread Mill Test
- ECG/EEG/EMG
- Echo cardiography



SMVMCH



Laboratory services

- Clinical bio-chemistry
- Clinical microbiology and serology
- Clinical pathology
- Cytopathology
- Haematology
- Histopathology
- Molecular biology

EMPANELLED SCHEMES:**Cashless services**

Cashless services are offered to patients in Sri Manakula Vinayagar Medical College and Hospital. It is empanelled with government health insurance schemes, private health insurance companies and corporate tie ups.

Empanelled government health schemes

- Chief Minister's Comprehensive Insurance Scheme (CMCHISTN)
- Pradhan Mantri Jan ArogyaYojna (PMJAY)
- Employee's State Insurance Health Scheme (ESI)
- Ex-Servicemen Contributory Health Scheme (ECHS)
- Central Government Health Scheme (CGHS)

And many more schemes

Private health insurance companies tie-up

- Third-party administrator (TPA):
- Vidal health TPA
- Star health insurance
- Medi assist TPA
- MED save TPA
- Paramount health TPA private limited
- Ericson insurance TPA private limited
- Health insurance TPA

Metro zone health service private limited

And many more TPA companies

Other private insurance companies tie-up

- Oriental insurance company
- National insurance company
- New India assurance company
- TTK health insurance
- HDFC EGRO insurance
- IFFCO TOKIO insurance
- MAXBUPA insurance
- Reliance insurance network
- Magma HDI general insurance
- SBI general insurance

And many more companies



SUPERSPECIALITY:

Sri Manakula Vinayagar Medical College and Hospital has the following Superspeciality services

- Cardiology
- Cardiothoracic surgery
- Nephrology
- Urology
- Neurology
- Neurosurgery
- Paediatric surgery
- Plastic surgery
- Gastroenterology - medical and surgical
- Oncology
- Surgical oncology





CARDIOLOGY

Cardiologist believes in efficacy of personalized approaches to cardiac care. Cardiology unit is equipped with a cath lab. This ensures that each individual receives adequate, suitable and cutting– edge intervention. It provides comprehensive cardiac care including interventional cardiology, preventive cardiology services and intensive cardiac care.

Facilities available

- 2D echocardiography + color Doppler
- Tread mill test
- Holter monitoring
- Philips cardiac catheterization laboratory
- 24 hours coronary care for ACS patients

Key procedure

- Coronary angiogram
- Coronary angioplasty
- Peripheral angiogram and angioplasty
- Renal angiogram and angioplasty
- Temporary pacemaker implantation
- Permanent pacemaker implantation
- Valvular interventions

CARDIO THORACIC SURGERY

Consultative and operative services requiring advanced cardiac thoracic and vascular surgical care are available on an elective and emergency basis. Coronary artery disease, valve repair, aneurysms of aorta and peripheral vessels, varicose veins (laser/ RF ablation), heart disease, congenital heart disease and heart failure are the different areas which are dealt within this department. Apart from these cardiac conditions, lung disease and diseases of major vessels are also dealt with in this department.

Another key area which needs cardiothoracic intervention is the chest trauma and other iatrogenic injuries in the thorax which needs immediate cardiothoracic intervention.

The cardiac team comprises of dedicated professionals which includes the cardiothoracic surgeon, cardiologist, cardiac anesthesiologist, heart lung machine perfusionist, critical care nurses and the ward nurses along with para clinical workers.

Facilities available

- Heart lung machine
- IABP machine
- ACT machine

Key procedure

- Coronary artery bypass
- Valvular replacement/ repair
- Aneurysms
- Peripheral vascular disease



NEPHROLOGY

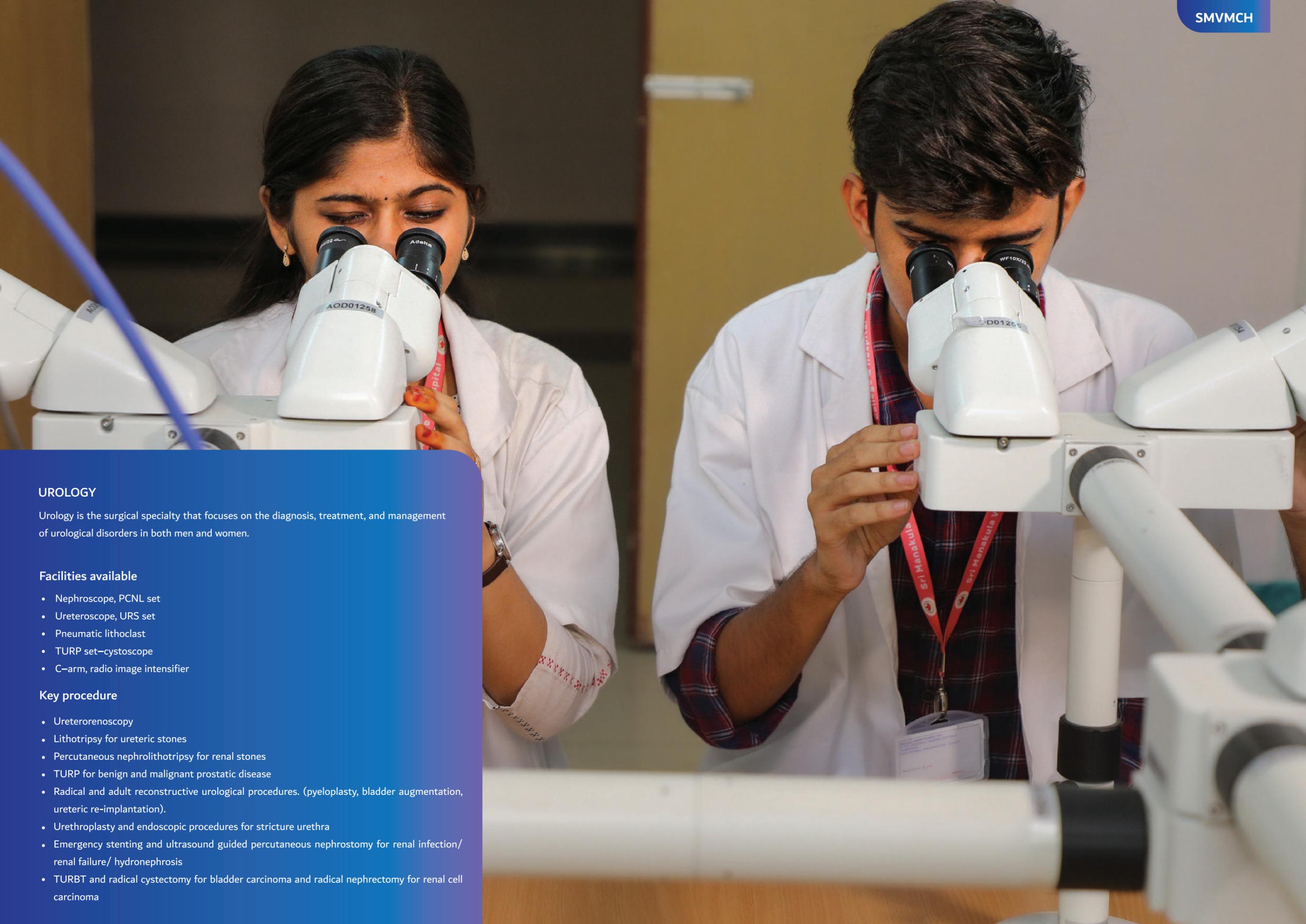
The consultants take care of both acute and chronic kidney disease cases. The clinical spectrum of cases includes electrolyte problems, urinary tract infections, pre-transplant workup, nephrolithiasis, acid bases problems and pre-operative assessments. The department provides free dialysis for the CMCHIS patients and also provides free food for all dialysis patients. The department is initiating a rural screening project for CKD and is also involved in screening for renal stone diseases along with the department of community medicine.

Facilities available

- Haemodialysis unit with 23 state-of-art HD machines
- CRRT prismaflex machine for SCUF, CVVHD, CVVHDF in ICU
- Therapeutic plasma exchange
- Two machine for seropositive patients
- Peritoneal dialysis facilities
- Emergency dialysis facilities in ICU
- One HD unit available with a potable water system in the ICU

Key procedure

- Hemo dialysis—maintenance/ intermittent (in-patient and out-patient services)
- Peritoneal dialysis
- Renal biopsy
- Emergency dialysis for acute kidney injuries
- Invasive lines HD lines catheterization
- AVF creation for CKD patients
- Dialysis backup for post-operative cases



UROLOGY

Urology is the surgical specialty that focuses on the diagnosis, treatment, and management of urological disorders in both men and women.

Facilities available

- Nephroscope, PCNL set
- Ureteroscope, URS set
- Pneumatic lithoclast
- TURP set–cystoscope
- C–arm, radio image intensifier

Key procedure

- Ureterorenoscopy
- Lithotripsy for ureteric stones
- Percutaneous nephrolithotripsy for renal stones
- TURP for benign and malignant prostatic disease
- Radical and adult reconstructive urological procedures. (pyeloplasty, bladder augmentation, ureteric re-implantation).
- Urethroplasty and endoscopic procedures for stricture urethra
- Emergency stenting and ultrasound guided percutaneous nephrostomy for renal infection/ renal failure/ hydronephrosis
- TURBT and radical cystectomy for bladder carcinoma and radical nephrectomy for renal cell carcinoma



NEUROLOGY

Neurology is a super specialty involved in management of disorders of central and peripheral nervous system including stroke, seizures, CNS infections, headache, demyelinating, movement disorders, spinal cord disorders, peripheral neuropathy, and muscle diseases.

Facilities available

- Nerve conduction study
- Electromyogram (EMG)
- Neurophysiology studies (VEP, RNST, SSEP)
- Electroencephalogram (EEG)
- Polysomnography (sleep studies)
- 1.5 Tesla MRI

Key procedure

- Nerve biopsy, muscle biopsy
- Lumbar puncture (CSF analysis)

NEURO SURGERY

Neurosurgery is a super specialty involved with disorders of nervous system including neuro-trauma and neuro-emergencies.

Facilities available

- C-arm
- Nerve integrity monitor
- Intra-ventricular endoscope
- Skull base endoscope
- Spine endoscope
- Ultrasonic surgical aspiration

Key procedure

- Tumours and trauma of brain and spine

PEDIATRIC SURGERY

Pediatric surgeon handles pediatric surgical cases including antenatal counseling, neonatal care, pediatric urology and pediatric plastic surgery.

Facilities available

- Gastroenterology—pediatric endoscopy, colonoscopy, laparoscopy
- Endo urology—ureteroscopy, cystoscopy
- Thoracoscopy

Key procedure

- Undescended testis –appendectomy laparoscopic
- Urachus—laparoscopic excision
- Thoracoscopy—decortication
- Biopsy
- Urethroplasty
- Anorectal pull through, Rundstedt's pyloromyotomy
- Ladd's procedure (malrotation)
- Duhamel's procedure

PLASTIC AND RECONSTRUCTIVE SURGERY

A wide full-fledged surgical coverage for basic to advanced plastic reconstructive process is available.

Facilities available

- 24 hrs trauma and emergency care including vascular repair
- Replantation of body parts
- Microsurgery
- Cosmetic surgery
- Brachial plexus surgery
- Lymphedema surgery
- Burn care
- Cleft lip and palate clinic

Key procedure

- Microvascular free tissue transfer
- Nerve transfers for brachial plexus surgery
- Liposuction
- Scar revision
- Body contouring surgery
- Biomechanical surgery for diabetic foot
- Onco reconstruction
- Vascularised lymph node transfer
- Advanced micro surgical procedures using Karl Zeiss microscope
- State of art hand surgery including replantation
- Macro and micro—vascular procedures
- Tumor reconstructive workup
- Large filarial work
- Basic cosmetic work





GASTROENTEROLOGY- MEDICAL AND SURGICAL

Gastroenterology (medical and surgical) outpatient and inpatient services available for both adult and children.

Facilities available

- Oesophagogastroduodenoscope
- Colonoscopy

Key procedure

- Endoscopic variceal ligation
- Endoscopic sclerotherapy
- Therapeutic endoscope procedures-esophageal stricture dilatation, achalasia balloon dilatation, foreign body removal, polypectomy and enteral feeding procedures like PEG tube placement etc.
- ERCP procedure biliary, pancreatic stone extraction and stenting.

SURGICAL ONCOLOGY

The oncosurgeons deals with the therapeutic and palliative treatment of all types of cancers.

Facilities available

- All major surgeries (G.I gynecology,head and neck, musculoskeletal) done
- Chemotherapy
- Immunotherapy
- Targeted therapy
- Radiotherapy consultation
- Pain and palliative care

Key procedure

- Nerve blocks like celiac plexus
- HIPEC, intra abdominal chemotherapy
- Organ preserving surgeries
- Cancer related laparoscopic surgeries
- Reconstructive procedures – like breast reconstruction

ART CLINIC

Assisted Reproductive Technique (ART) is undertaken in infertility center of the institution.

Facilities available

- Intracytoplasmic sperm injection
- Sperm/ oocyte/ embryo freezing and vitrification
- Sperm freezing
- Oocyte/ embryo vitrification
- Fertility enhancing surgery
- Fertility preserving surgery
- ART bank

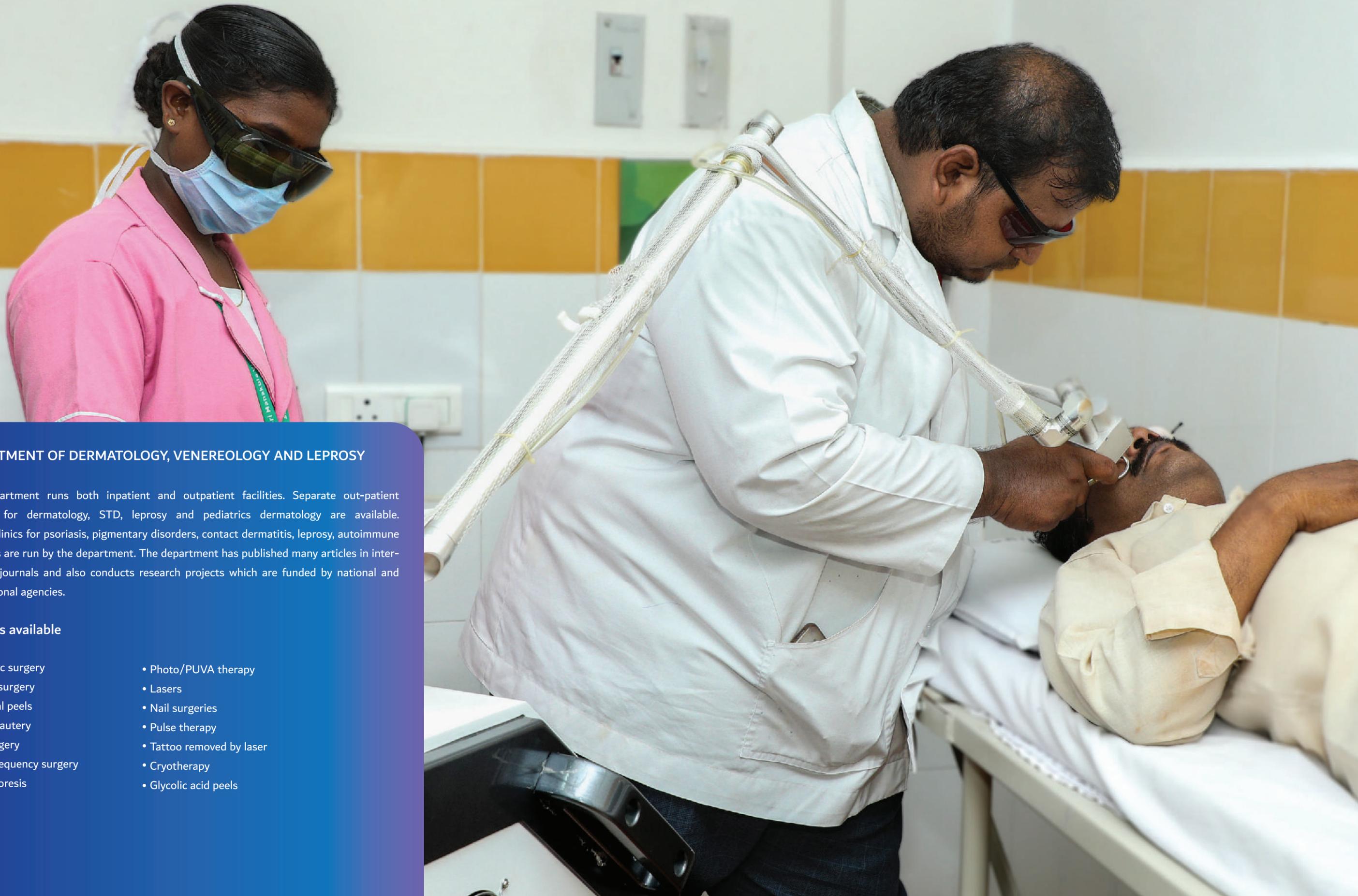
Key procedure

- Saline sonography
- Intra-uterine insemination
- Invitro fertilization

BROAD SPECIALITIES

- Anaesthesiology
- Dermatology, Venereology and Leprosy
- Dentistry
- ENT
- General Medicine
- General Surgery
- Obstetrics and Gynaecology
- Ophthalmology
- Orthopaedics
- Paediatrics
- Psychiatry
- Respiratory Medicine
- Radiodiagnosis
- Emergency Medicine





DEPARTMENT OF DERMATOLOGY, VENEREOLOGY AND LEPROSY

The department runs both inpatient and outpatient facilities. Separate out-patient services for dermatology, STD, leprosy and pediatrics dermatology are available. Special clinics for psoriasis, pigmentary disorders, contact dermatitis, leprosy, autoimmune disorders are run by the department. The department has published many articles in international journals and also conducts research projects which are funded by national and international agencies.

Facilities available

- Cosmetic surgery
- Vitiligo surgery
- Chemical peels
- Electrocautery
- Cryosurgery
- Radio frequency surgery
- Iontophoresis
- Photo/PUVA therapy
- Lasers
- Nail surgeries
- Pulse therapy
- Tattoo removed by laser
- Cryotherapy
- Glycolic acid peels



DEPARTMENT OF DENTISTRY

Specialty dental clinic is run by a group of expert dental surgeons, each having specialization in a branch that offers personal care and complete satisfaction. The clinic houses state of the art equipment. The latest and highest quality dental materials and equipment are available to carry out various surgical and restorative techniques which makes a world of difference in diagnosis and treatment.

Facilities available

- Maxillofacial trauma
- Orthognathic surgeries
- TMJ surgeries
- Oral cancer surgeries
- Dental implants



DEPARTMENT OF ANESTHESIOLOGY

The department of anesthesiology is well organized and deals with the pre-operative assessment, pain and palliative care and critical care.

Facilities available

- Anesthesia work stations
- Anesthesia Boyle's apparatus
- Fibre optic bronchoscope
- Video laryngoscope
- ICU ventilators
- Multipara monitors

Key procedure

- Portable USG machine for performing peripheral nerve block and invasive central venous cannulation
- Neuro muscular monitors
- Nerve locator
- Various supra glottis airway devices

DEPARTMENT OF EMERGENCY MEDICINE

Department of emergency medicine provides good care in cardiac arrest management, trauma management and all emergency cases.

Facilities available

- Bedside ultrasound
- Mobile x-ray machine
- Video laryngoscope
- Ventilators
- ECG and defibrillators

Key procedure

- Emergency intubation
- Central line and dialysis catheter
- Interosseous line
- ICD
- Tracheostomy
- Lumbar puncture
- Pericardiocentesis



DEPARTMENT OF ENT

Department of ENT provides good care in hearing, voice, balance (vertigo) and allergy. Sound knowledge and well-trained surgeons provide best care to the patients with the help of state of art equipment.

Facilities available

- PTA (puretone audiometry)
- Tympanometry
- ENG, BERA (Brainstem Evoked Response audiometry)
- Diagnostic endoscopy
- Video laryngoscopy
- Otomicroscopy

Key procedure

- Mastoidectomy (including ossiculoplasty, facial nerve decompression, congenital atresia plasty etc.)
- Oral, oropharyngeal surgery (tonsillectomy, sleep apnea surgery, adenoidectomy, malignancy of head and neck).
- Nasal surgery (FESS, septoplasty, SMR, maxillectomy etc.)
- Laryngeal surgery (microlaryngeal surgeries, tracheostomy etc.)
- Rhinoplasty, otoplasty and atresioplasty

DEPARTMENT OF GENERAL MEDICINE

Besides treating common medical conditions, the department maintains separate records of all serious and interesting problems, which form the basis of research. Well equipped critical care units, including a bedside dialyzer for round the clock services are available. Highly dedicated team is the strength of the department. The cardiac stress test laboratory has state of the art equipments which helps in diagnosing, coronary artery disease. In addition, the patient's functional capacity can be measured and certain arrhythmias evaluated. PFT, EEG, EMG, dialyzers, imaging studies, digital subtraction angiography, add to the armamentarium.

Facilities available

- Cardiology — Echocardiogram
TMT
Pacemaker services
- Nephrology — Dialysis – Hemodialysis
Peritoneal dialysis
CRRT
- Neurology — EEG nerve conduction studies
EMG
- Gastroenterology — Endoscopic diagnosis

Key procedure

- Cardiology — Angiogram
Angioplasty
Pace maker insertion
- Nephrology — Hemodialysis
Peritoneal dialysis
CRRT
- Neurology — Nerve biopsy
- Gastroenterology — Endoscopic banding





DEPARTMENT OF GENERAL SURGERY

Department of general surgery offers comprehensive surgical services, ranging from routine out patients and inpatients services, elective and emergency surgeries are carried out round the clock. Our department is well equipped and staffed to cater to the needs of wide range of patients and acts as a referral centre for the nearby villages. A team of trained specialists are available throughout the day to offer various surgical services.

Abundant academic activities are carried out both for undergraduate and postgraduate students in the form of CME, guest lecture and skill labs. The students are being encouraged and guided for research activities, competition and to participate national and international conferences.

Facilities available

- OP services - special clinics for diabetic foot, colorectal diseases, breast diseases
- In patient services , including well equipped surgical ICU
- Emergency and trauma care
- Well equipped operation theatre with laparoscopy and C-arm facilities
- Endoscopy
- Radiology assisted procedures
- Superspeciality services available
 - Surgical oncology
 - Urology
 - Neurosurgery
 - Plastic surgery
 - Pediatric surgery
 - Surgical and medical gastroenterology
 - CTVS

Key procedure

- Diagnostic and therapeutic open and laparoscopy procedures including major procedures
- All oncological procedures (open and laparoscopic)
- Endoscopic procedures (both diagnostic and therapeutic)
- All major surgical emergency procedures are carried out routinely with guidance of in-house senior faculty.

OBSTETRICS AND GYNECOLOGY

The department of obstetrics and gynecology offers comprehensive gynecological service, ranging from routine examination and family planning to highly specialized procedures. Common problems treated include abnormal uterine bleeding, uterine fibroids, pelvic infections, endometriosis and loss of bladder control. Department is well equipped to cater to the needs of a wide range of patients and acts as a referral center for the surrounding villages. A team of specialists is available throughout the day to offer the following services.

Facilities available

- Antenatal care
- High risk pregnancy care
- Intensive care for high risk obstetrics and gynecology patients
- Comprehensive gynecological care for all gynecological problems
- Family welfare services
- Ultrasound and fetal monitoring facilities
- Pap smear, colposcopy and hysteroscopy for cancer screening and cryotherapy

Key procedure

- Tubal recanalization
- Endoscopic procedures like diagnostic and operative laparoscopy and operative hysteroscopy for infertility and gynecological disorders like LAVH, TLH, ovarian drilling, ovariectomy, adhesiolysis and laparoscopic sterilization





OPHTHALMOLOGY

Ophthalmology department is functioning with qualified faculty and para medical workers to cater to the needs of the patients in and around Villupuram and Puducherry.

Facilities available

- Well-equipped ophthalmology operation theatre
- Laser units for photocoagulation and capsulotomy, phacoemulsification machine
- B-scan ultrasonogram to study the posterior segment pathology
- OCT- optic nerve, retinal assessment and glaucoma
- Fundus fluorescein angiography to study the retinal pathology and automated perimeter for the study of glaucoma synoptophore for squint problem
- Eyebank

Key procedure

- Cataract surgery
- Glaucoma surgery
- Retinal photocoagulation
- Yag laser capsulotomy
- Yag laser iridotomy



ORTHOPEDICS

This department provides 24 hours trauma care service and provides treatment to the orthopedic problems of all age groups from paediatric to geriatric.

Facilities available

- C-arm image intensifiers
- Arthroscopy and arthroplasty set
- Battery operated drill
- Ilizarov instrumentation
- Spinal instrumentation
- Basic trauma instrumentation sets

Key procedure

- Total knee/ hip replacement
- Arthroscopic surgeries like arthroscopic anterior/ cruciate ligament surgery, meniscal
- Shoulder surgery
- Routine fractures fixtures of long bones
- Hand and reconstructive surgeries



PEDIATRICS

At the daily OPD, pediatricians treat wide variety of childhood ailments. In addition, emergency care is provided round the clock with supportive services like PICU and NICU. Our hospital also conducts a "well-baby clinic" that offers free vaccination, monitors growth and development of children and counsels mothers on nutrition and other child health related issues.

Facilities available

- 20 bedded PICU
- 20 bedded NICU (Level III) care to manage very sick babies who may require ventilator support

Key procedure

- CPAP or Continuous Positive Airway Pressure
- Exchange transfusion
- Surfactant administration for very premature babies
- Lumbar puncture



RESPIRATORY MEDICINE

This department is equipped with state of art equipment for the diagnosis and treatment of wide range of respiratory illness.

Facilities available

- Pulmonary function test
- DOTS
- RICU
- State-of-art sleep lab
- Bronchoscopy
- Thoracoscopy
- Rigid bronchoscope
- Interventional pulmonology
- EBUS

Key procedure

- Pleural aspiration
- Intercostal chest tube drainage
- Bronchoscopy: Bronchial washings, broncho alveolar lavage, brushings, transbronchial needle aspiration, transbronchiallung biopsy
- Cryocautery and cryoablations technique, foreign body retrieval
- Pleurodesis
- EBUS

PSYCHIATRY

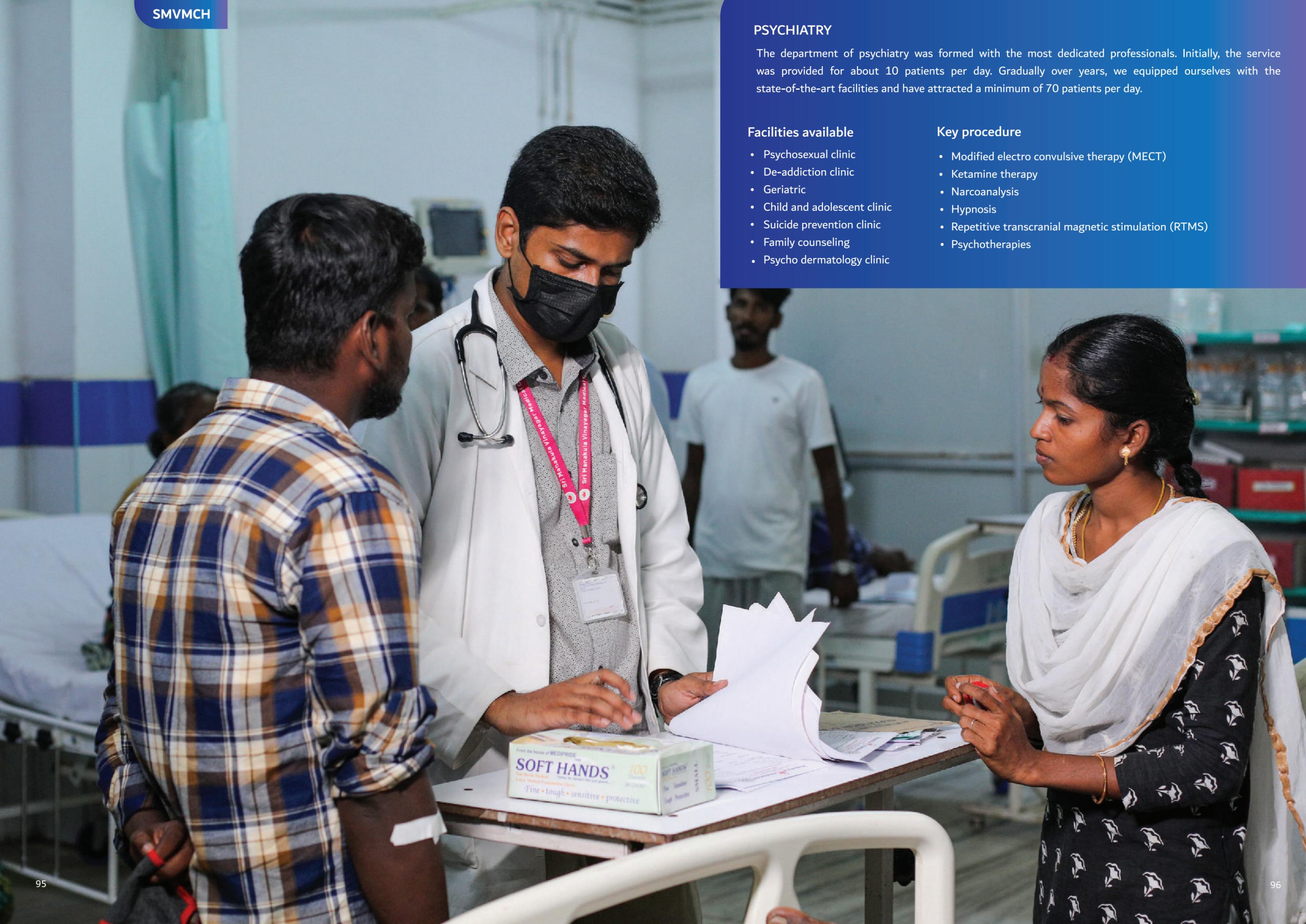
The department of psychiatry was formed with the most dedicated professionals. Initially, the service was provided for about 10 patients per day. Gradually over years, we equipped ourselves with the state-of-the-art facilities and have attracted a minimum of 70 patients per day.

Facilities available

- Psychosexual clinic
- De-addiction clinic
- Geriatric
- Child and adolescent clinic
- Suicide prevention clinic
- Family counseling
- Psycho dermatology clinic

Key procedure

- Modified electro convulsive therapy (MECT)
- Ketamine therapy
- Narcoanalysis
- Hypnosis
- Repetitive transcranial magnetic stimulation (RTMS)
- Psychotherapies





RADIO DIAGNOSIS

Provides 24 hours diagnostic services including various image guided procedures.

Facilities available

- Digital radiography
- Computed radiography
- Fluoroscopy
- Mammography
- 3D ultrasonography
- Colour doppler
- Multidetector computed tomography
- Magnetic resonance imaging
- Picture archiving and communication system (PACS)

Key procedure

- Conventional x ray
- Conventional x ray procedures including barium studies, intravenous urography and sinogram etc
- Ultrasonography
- CT imaging
- MRI including MR arthrography
- Image guided diagnostic and therapeutic procedures



PATIENTS RESPONSIBILITIES

- 1. Patients should arrive at the hospital on time for their appointments.
- 2. Patients should bring their medical records and previous test results.
- 3. Patients should follow the instructions of the healthcare providers.
- 4. Patients should pay attention to the signs and symptoms of their condition.
- 5. Patients should take their medications as prescribed.
- 6. Patients should avoid smoking and alcohol.
- 7. Patients should maintain a healthy diet and exercise regularly.
- 8. Patients should avoid contact with sick people.
- 9. Patients should wash their hands frequently.
- 10. Patients should avoid crowded places.

MANAKULA VINAYAGAR
HOSPITAL

பிணக்களம் & கிளியூமன்

MANAKULA VINAYAGAR
HOSPITAL

6 OLD REGISTRATION - FEMALE
பிணக்களம் - பெண்கள்

7 OLD REGISTRATION - MALE
பிணக்களம் - ஆண்கள்

8 LAB REPORT
பிணக்களம் - முடிவுகள்

9 LAB REPORT
பிணக்களம் - முடிவுகள்

10 LAB REPORT
பிணக்களம் - முடிவுகள்

1 REGISTRATION - NEW
பிணக்களம் - புதியவர்கள்

2 REGISTRATION - NEW
பிணக்களம் - புதியவர்கள்

3 REGISTRATION - NEW
பிணக்களம் - புதியவர்கள்

4 REGISTRATION - NEW
பிணக்களம் - புதியவர்கள்

5 REGISTRATION - NEW
பிணக்களம் - புதியவர்கள்