



# Christian Medical College Vellore



*150 Years of Dr Ida Scudder 120 Years of CMC Vellore*

**YEAR BOOK 2019 - 2020**



## Our Vision

The Christian Medical College Vellore seeks to be a witness to the healing ministry of Christ, through excellence in education, service and research.

## Our Mission

The primary concern of the Christian Medical College, Vellore is to develop through education and training, compassionate, professionally excellent, ethically sound individuals who will go out as **servant-leaders** of health teams and healing communities. Their service may be in promotive, preventive, curative, rehabilitative or palliative aspects of health care, in education or in research.

In the delivery of health care, CMC provides a culture of caring while pursuing its commitment to professional excellence. CMC is committed to innovation and the adoption of new, appropriate, cost-effective, caring technology.

In the area of research, CMC strives to understand God's purposes and designs, fostering a spirit of enquiry, commitment to truth and high ethical standards. Research may be aimed at gaining knowledge of the fundamental basis of health and disease, at improving interventions or in optimising the use of resources.

CMC reaffirms its commitment to the promotion of health and wholeness in individuals and communities and its special concern for the disabled, disadvantaged, marginalised and vulnerable.

CMC looks for support and participation in its programmes in education, service, outreach and research, from friends and like-minded agencies in India and abroad, in a true spirit of partnership.

In its role as a **living witness in the healing ministry of Christ**, CMC seeks to work in partnership both with the Church in India and the universal Church, and their institutions.

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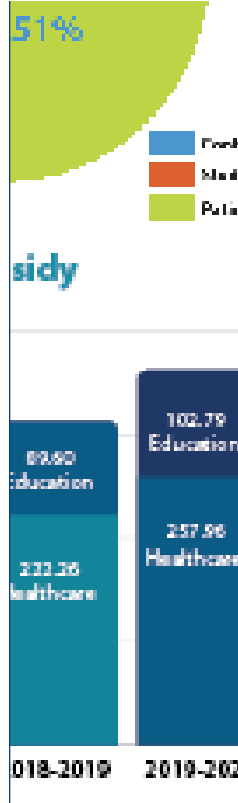
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# FOREWORD

The COVID-19 pandemic has thrown the world out of gear. The situation around does not appear bright at the moment. However, these dark clouds cannot hide God's faithfulness to CMC over the years, nor can it limit God's provision as we attempt to navigate through these challenging times.

The recent events have made us pause and reflect on our calling and the way we would require to deliver healthcare in this setting. It is important to recall that difficulties never deterred CMC from fulfilling its mission to reach out to the poor, vulnerable and needy. The creation of the medical school in 1918 during the difficult time of the Spanish flu pandemic, is a testament to its vision to enlarge its sphere of influence. It is thus no surprise that Aunt Ida in her speech to this graduating batch in 1922 said, "You will not only be curing diseases, but will also be battling with epidemics, plagues and pestilences and preventing them." How true it is, even today.

CMC's strength in integrating service, education, research and outreach was evident during the pandemic. Policies and protocols for COVID-19, that were generated using the best available evidence, is being used in its secondary and tertiary care settings as well as disseminated through a distance education platform to mission hospitals. The outreach clinics reached out to deliver chronic medications to its patients during the lockdown period. Amidst the challenges of low patient numbers and additional expenses of procurement of personal protective equipment, a special effort was taken to ensure that the poor were looked after. The fund raising team worked hard to raise funds to support patients who were unable to pay for treatment. A Manna Meal Scheme was initiated to provide meals for patients and their relatives who were stuck in Vellore during the lockdown. Faculty, staff and students of CMC donated generously to COVID care. Our alumni, Friends of Vellore and other well-wishers contributed to the creation of a new intensive care unit. Members of the Executive and Finance committees and the Council encouraged us with their inputs and prayers. It was thus very heartening to note that the whole CMC community joined in one accord to fulfil its



motto, "Not to be ministered unto, but to minister."

The facts and figures capture some highlights of the institution and provides an overview of the services and patient numbers over the last year. The book also contains a snapshot of the recent accolades of the faculty and institution. In addition, this issue focuses on CMCs role and work during the pandemic.

I wish to close with another part of Aunt Ida's 1922 graduation address that is relevant. "There will be cares, anxieties, failures which are very common to a professional life. These are the valleys into which you descent, but stand up bravely, be true and keep on climbing." I am confident that the Lord will continue to enable CMC to be a shining light to nation amidst the darkness.

J.V. Peter  
Director



## Editorial

The Year Book is usually a traditional collection of information pertaining to the varied and vast activities of our institution in the year gone by. However, since early this year, we had the phenomenon of the pandemic going on to become an enormous tornado sucking in all that we called normal and leaving behind everything chaotic in its wake. What rose out of the wave of this storm was resilience, fortitude and team work with a renewed hope in what we are called to do – “To minister”. We hope to showcase this spirit and determination through the Year book 2019 - 2020.

This year is the 120<sup>th</sup> year of our hospital and it was befitting that we could help our community and our patients in an unprecedented way. This year of opening our doors and reaching out to care through the pandemic will be remembered better than any celebration that might have been planned. It is also 150 years since Dr. Ida Scudder was born, later this year and her tradition of going the extra mile was entirely fulfilled over the year. The Year Book brings with it, reflections from the latter half of last year and most of this year, with a

combination of routine happenings and a section devoted to our Corona Care. We hope to give all the readers a snapshot of how our institution in all its campuses works in not just serving patients visiting the hospital but also in reaching out to the needy in the community.

I would like to praise God for his protection of this institution during the pandemic and for blessing us through our work this year. I would like to thank Mrs. Mary Anslum, Ms. Sunitha and Mr.Saravanan, the team in the Promotions Office for their diligence and hard work in preparing this document. I would like to appreciate our publisher, Mr.George Korah for all his inputs. Lastly, I would like to echo the words said by Dr. Ida in her diary:

*“Call from us the best that is in us  
When special burdens come of sickness or sorrow  
Give us Thy special help and grace  
Give us faith to trust Thee with our all”*

*Dr. Sowmya Sathyendra ,  
Deputy Director, (Promotions & Publicity)*





## Dr. Ida Sophia Scudder (1870 – 1960)

*She considers a field and buys it; out of her earnings  
she plants a vineyard. – Proverbs 31: 16*

This year CMC celebrates 150 years of the life and legacy of CMC Vellore's founder, Dr. Ida Scudder. Born in 1870 in Ranipet to Dr. John Scudder II and Sophia Weld Scudder, Dr. Ida was destined to change the history of Vellore. Dr. Ida S. Scudder devoted her life and career to bringing modern health care and medical education to the people of India

As a child, having witnessed the ravages of the Great Famine of South India, which killed over five million people, Ida did not intend to continue their legacy of a life of service. However, all this changed one night in Tindivanam, south of Chennai, where she was staying in the Mission House with her parents. Dr. Ida encountered the historic 'Three Knocks', where the lives of three innocent girls were ignorantly sacrificed for want of a woman doctor.

Ida Scudder returned to the US with a new ambition; to respond to the cries of the women of India. Within ten years of this incident, in 1899, Ida had completed her medical studies and qualified as a doctor. Soon after, having raised money to build a hospital for women and children in Vellore, she returned to India. In 1900, Ida opened a one-bed

clinic in Vellore. In 1902, she opened the Mary Taber Schell Memorial Hospital and soon branched out, reaching remote villages on bullock carts, to offer health care through 'roadside clinics.' In 1903, she started to train compounders, in 1909 nurses and in 1924, she opened a 267-bed hospital in the centre of Vellore, which is now one of the top educational, research and healthcare institutes in the country.

It was in 1918 that she opened India's first Medical School for Women with a Licentiate of Medical Practitioner Course, which completed 100 years in 2018. She opened up the health care professions to women from all faiths and backgrounds, encouraging families to allow their daughters to train as nurses and doctors through her own example and her students' achievements. In the 1940s, the College became co-educational and the LMP course was upgraded to a full MBBS degree. Dr. Scudder led the institution through this difficult transition and laid the foundation for the emergence of a cadre of Indian professionals – both men and women - who were committed to the highest standards of medical practice and education in independent India.

For her pioneering and immense contributions in the field of healthcare, Dr. Scudder was awarded the Kaisar-i-Hind Medal for Public Service in India, in 1920 - the highest civilian honour of the time. Ida Scudder passed away in 1960 but she lives on through CMC Vellore.



*An early batch of LMP students with Dr Ida Scudder*





*The Silver Gate*

## The Story of CMC

The Christian Medical College Vellore, located in Vellore, Tamil Nadu, is an unaided, non-profit, minority educational institution established in the year 1900. Today, CMC's network of primary, secondary, tertiary and quaternary care teaching hospitals are spread across seven campuses in and around Vellore and to the neighbouring Andhra Pradesh. Together, CMC Vellore is a 3000-bedded multi-speciality medical institution of international fame.

In the last year, various new developments were inaugurated and dedicated in the new campuses such as:

- » The CONCH, Kannigapuram outreach clinic
- » Residential campus at Kannigapuram
- » Radiology suite and Nursing education programme at Chittoor
- » New housing quarters at Chittoor.

**The CMC Vellore Hospital campus or the Town Campus** located at the centre of Vellore City is

the parent node of CMC. It began as the Cole Dispensary in 1923. The CMC hospital offers a large range of different medical specialties, with advanced diagnostic and therapeutic services, alongside primary and secondary level care for local communities, catering to 1,09,178 Inpatients and 22,99,687 Outpatients in 2019-2020.

**The Rural Unit for Health and Social Affairs (RUHSA)** is CMC's most comprehensive rural site, serving critical needs such as primary and secondary care for families, fieldwork and





education for doctors, nurses and allied health professionals, clinical research and numerous family support programmes for local residents. In 1944, a model-training centre for rural health care at Kavanur Village was proposed. Later on this was renamed as RUHSA. The expansion of its outpatient department has created new spaces for programmes that will benefit the residents of the K.V. Kuppam block.

CMC's **Community Health and Development programme (CHAD)** was established in 1955. It is the epicenter of CMC's community health programme. It has its own training center, outpatient clinic, secondary-care hospital and provides related training to medical, nursing, paramedical students, postgraduates and staff. It is a world-renowned centre for epidemiological and translational research. CHAD serves rural communities of the Kaniyambadi block and the tribal hamlets of Jawadhi hills. Apart from basic medical services, CHAD helps them in occupational therapy, health education, nutritional education and over all community service.

**The Low Cost Effective Care Unit (LCECU)** began in 1982. It caters to the needs of those living in the urban slums of Vellore. LCECU works holistically to bring not only healing to the body but also takes care of familial and community relationships.



**The CMC Vellore Chittoor Campus**, in southern Andhra Pradesh has been offering medical services since 2011. The campus is now a rapidly growing broad-specialty hospital has four state-of-the-art operation theatres, a good diagnostics laboratory that can handle clinical pathology, biochemistry, microbiology and virology. It also runs outreach programmes for primary health centers and schools.

**The CMC Vellore Kannigapuram Campus**, for a Level 1 trauma care and multi-specialty is the latest and the biggest extension of CMC.



*The CMC Vellore Kannigapuram Campus*





# CMG's Response to COVID -19

In the Battle Grounds with a  
Pandemic



In its 120-year-old history, CMC Vellore had grappled with various epidemics and pandemics, including plagues, AIDS, tuberculosis, H1N1 and so on. The novel 2019 Coronavirus SARS-CoV-2 (COVID-19) pandemic was different from the others in many ways, recalling fear in a generation that had buried the horrors of the past, and panic in a younger generation that had never experienced a colossal and universal health crisis.

However, at a fundamental level, the response of the institution had essentially been the same on each of the occasions when hit by a major health crisis. That is, to be available in every possible way, to meet the needs of those affected, to get all hands on deck, work with the state and local bodies, search for a permanent solution, share strategies and knowledge, enlist help from supporters at all levels, not turn anyone away and to reach out to the unreachable.

From the beginning of February 2020, CMC had moved into top gear to prepare for COVID. As the oldest and largest private hospital in the district, everything was readied for a possible surge of patients whenever the pandemic peaked.

CMC began setting up efficient and affordable testing kits, beds, isolation wards, ICUs, ventilators and protective equipment for the doctors, nurses and other healthcare workers.

Apart from the regular patients, there were those in the vicinity who could no longer access healthcare; those who were being denied healthcare in other places because of various reasons; those who had come to Vellore seeking treatment and were now stranded in Vellore. Old and new patients stuck in their homes across India but desperate to reach CMC. Their needs had to be taken care of too. Balancing COVID and regular work became a new challenge.

The first task was getting the hospital COVID-ready. Fever clinics, ICU beds, isolation wards and ventilators were provided immediately. However, this was not enough to counter a potential surge. All these had to be installed at a time when the institution was dealing with a huge shortage of financial resources because of the drastically reduced patient numbers due to the lockdowns. Before the lockdown, CMC was seeing more than 10,000 patients a day and post-lockdown, the numbers had dwindled down drastically.

This was where money posed a big challenge. The fund-raising team had sent out an appeal through various channels and managed to raise a considerable amount from companies, partners, supporters and well-wishers. However, this was not enough to be adequately prepared for the challenge. The estimated cost for Personal Protective Equipment (PPE) for a month alone was nearly 3 crores and for each Intensive Care Unit, the equipment cost amounted to 3 to 4 crores.

Though efforts to raise resources – in cash or kind – from external sources continued, CMC next solicited help from within the community through donations and deductions of salary. Despite the fact that more than 10,000 strong work-force may have gone home with a reduced pay for the next few months, the positivity and support received from the staff was overwhelming.

With limited funds, CMC managed to offer the best care possible for all the patients who came here in search of hope. The patients affected by COVID were well taken care of with the best medical service and counseling and support from the chaplains from the Department of Chaplaincy.

Majority of the regular patients, were not able to travel to CMC due to the travel restrictions imposed due to the lockdown. CMC was quick in identifying and responding to this need. There were many patients with chronic illness who were greatly affected due to these restrictions. As a response, CMC set up the Tele-Consultation Facility on 2nd April, 2020. 46 departments and units opened a Tele-Consultation portal to make health care accessible to all, especially those who are not able to travel.

The CMC pharmacy in turn, began dispensing medicines to patients through post or courier through the CMCEMeds services. This facility was primarily meant for dispensing drugs for those with chronic diseases.

The entire staff strength of the hospital had been a strong back bone for the hospital. Every single person had gone through difficulties and uncertainties during these times and continue to. However, the dedication to the institution which had stood the test of time had not diminished. With extra workload, long hours, difficult travels, domestic problems, financial shortages and the constant fear of COVID, the staff faced their duties without even the slightest frown.

# Our Voices

Given below are few significant responses from the CMC community which will give a clearer view of this dedication and love towards the institution.

## Mr. Raja, Department of Transport

“The safety protocols were taught to us, by our team leaders, and we follow the cleaning procedures religiously. After each trip, I clean the vehicle along with my team of two and disinfect the vehicle for the next trip. Each vehicle is similarly disinfected and cleaned after every trip by the respective drivers. I feel very happy and satisfied that I am playing a major part in the healing ministry of the institution, especially during the pandemic by safely bringing the staff to work and then again back to their homes”.



## Mr. Antony, MICU



“Whenever I am on duty, I wash all the clothes by myself, especially the curtains and bed sheets. I don’t allow my women colleagues to do any of these, because once the bed sheets are wet, they become heavy. I know that during the lockdown, the workload at home has also increased for women, so I make sure that they don’t do heavy duty physical work whenever I am around.

Though I am close to 60 years, God has given me enough strength, physically and emotionally. Initially my staff in-charge was concerned about my age, they gave me a choice to be exempted from my COVID duties since I am in at a high risk area. I decided I will not abandon my station”.

## Mr. Krishnamoorthy, Security Officer:

“It was quite surprising for me since I had no anxieties or fear during these critical times. I think the main reason for that is, the training and instructions given to us by our team leaders. We were also provided masks to protect us from any form of infection”.



## Mrs. Pushpalatha, ALS Staff

“One of the most important lessons I learned during these days was that, the pandemic affected everyone alike. It had the same effect on all classes of people, poor and the rich alike; without food, water and shelter, we are truly lost”.



## Mr. Jayapaul and Mr. Samuel, Maintenance Department

“We were not willing to take the COVID leave of two weeks. We were not sure if the new substitute will know the schedules as well as us. And we felt that this was not a time to take chances. The bio medical waste has to be dealt with, with uttermost care”. Mr. Jayapaul said that the lockdown has had a positive effect on nature. The pollution has gone down tremendously and it was a pleasant sight to see deer prancing around on the roads. “We have to respect nature and preserve it, our relationship with the world has to be symbiotic”.





### Mr. Guru Prasad, OPD Services

“We used to see an average of 9000 patients per day in the OPD. The corona lockdown had initially reduced this to 1800 per day. CMC looked like a place out of another world, during the lock down, the yellow circles and lines have made new definitions in our OPD experience”.



### Dr. Binila Chacko, Specialist, Medical Intensive Care

“For our patients and their families – I want you to know that we will take care of you. We will not restrict any care to your loved one because of COVID-19. We will give them the love you would want to give them. We will ensure that you are able to communicate with us freely. In fact, most of the patients and their families know us by name, probably a closer relationship than what it was in the pre-COVID era.



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### Ms. Priya, Lecturer, Dietary

“When we realised that food plays a central role in the well being of a COVID patient, we charted an ‘Immune Moderating Intake ‘diet which has a good balance of high protein and immune boosting food. Our stewards take the food for the patients inside the wards and give them. When I see these young trainees work with so much courage, the motivation and moral support the rest of the department receives is beyond words”.



### Mr. Rozario, Info Reception, Chatram ‘

“The saddest part of the lock down was seeing the patients and relatives go hungry. It affected the poor and rich alike. CMC was able to provide enough food tokens .The hand of God was evident during this time. Out of nowhere, we had local volunteers coming in to provide food for the patients in Chatram”.



### Mr. R.M Ramarao, Mr. R. Soundararaj, Mr. T. Karunakaran, Department of Civil Engineering

“The workload has doubled for us during the lock down period and continues to be so. The contract workers stopped and the work which was previously done by them is now our responsibility. There were times when we get calls at three or four in the morning, with complaints of a clogged drain from the wards or from the residences. We are always on vigil and make it a point to do our duties to our best abilities.



The institution needed extra space to accommodate the COVID patients. Overnight we have renovated and built wards and isolation areas for the patients. On the behest of the District Collector , we built hand washing station within a matter of hours . They are placed at various strategic locations within the campus. The plumbing and drainage systems for these stations had to be created new”.

### Mr. S. Ramesh, Security, Fever Clinic

“The corona pandemic has taught a lot of things to the public. Washing hands and self hygiene should be out of our own consciousness; it should have been a natural reaction. But government has to impose all these basic habits. I think we should have always been precautions and used our own discernment. These are basic human habits.



It’s my responsibly to guard the E ward lift. This is the entrance for the COVID positive patients. I make sure that they are guided properly and that the lift is disinfected after each use”.

### Ms. Malathi S, Triage, Silver Gate

“Personally we feel that it is our responsibility to ensure that the screening is done and documented for the patients who enter CMC. The triage is an important junction at hospital, which filters the positives and the negatives”.





## Responses from the Peripheral Units of CMC

With the onset of the lockdown, section 144 and the steady increase in the COVID-19 cases, the peripheral units of CMC geared up to update their triaging systems and other protocols.

### Rural Unit for Health and Social Affairs (RUHSA)

RUHSA hospital and community programme set in the following systems to reduce transmission of COVID-19 as soon as it became clear that community transmission is a possibility.

- A triage system at the entry gate to monitor fever and cough and to record the travel history of patients.
- A fever clinic was installed near the entrance. This clinic modifies its criteria according to the changing recommendations and refers patients with influenza like illness (ILI) to The Government Medical College and CMC depending on severity of symptoms and patient choice.

- PPE for all hospital staff.
- Awareness and training was provided regarding COVID-19 and the proper way to use/ dispose PPE
- Waiting area for Out Patient department was expanded to the open courtyard and only a limited number of patients were allowed to enter, thus maintaining the specified social distance.
- Hand-washing spots were added in open air waiting area for patients and relatives. A bell was rung every hour as a reminder to wash hands.
- Entry to hospital zone and inpatient area was limited to only one attendant/visitor at a time. Elderly and young children were discouraged to visit the premises unnecessarily.

### RUHSA's Community Outreach

The outreach clinics were temporarily paused and patients were delivered medication at home by a health worker in the first 2 weeks, but subsequently the mobile outreach clinics restarted to ensure that all persons on chronic disease treatment continued to receive care, especially the elderly.

Six day-care centers for the elderly continued to function, thus providing lunch for them. Few



individuals without family support were identified and were receiving lunch and dinner through these centres.

RUHSA took special effort to support families in KV Kuppam block . Most of the families there were those with severe disabilities, little or no income, women-headed households with young children affected by chronic illness and aged people with no physical strength. These families were in dire need for food especially after the government provided food ration and financial support began to reduce. Various funds were raised to provide food for these families especially to ensure that they received good nutritious food with the required protein and fat intake. Around 400 families were supported through this effort.

Women trainees from the fashion designing course and other self-help groups made cloth masks for hospital staff, local Police personnel and for local sale. With this income, they were able to meet few of their needs.

### Low Cost Effective Care Unit (LCECU)

As soon as the lockdown was imposed, LCECU with the help of the its 5 community social workers identified 64 families which required immediate help. With the help of Mr. Ruby Nakka , from the Hope House and in association with the Indian Railways; 30 packed lunches were distributed by the outreach team. Following this, the pastor of Papa's House (a church), supplied 45 packed lunches.

Every day since the 2<sup>nd</sup> of April, 400 packets of food were provided through the Thrupti Foundation till the month of May. The Ida Scudder School alumnus group also contributed. These packets were distributed to 3 low income areas served by LCECU. However in a few days, due to problems with transport, it was decided to provide the local volunteers with money with which they could buy provisions and cook food locally in 'community kitchens' for distribution. A total of 425 people received food daily in the 6 outreach areas of LCECU through these efforts.

#### Providing for the Slum Dwellers:

The Low Cost Effective Care Unit of the Department of Family Medicine provided services exclusively for the poor and the slum dwellers of Vellore, in a 5 to 10 km radius around the hospital. Following the



announcement of lockdown, outreach work in six slum areas had to be stopped. However, the Unit's community health workers stayed in touch with volunteers from these areas. The volunteers would come to the base hospital to get medication to their struggling communities of mostly daily wage labourers. Around 900 patients with chronic diseases are being followed up through this initiative.

### Community Health and Development (CHAD)

The various activities of CHAD during the onset of the pandemic can be divided into the following areas.

#### Base Hospital

As most of the patients normally coming to the CHAD Hospital were within 30 to 40 kilometers radius, the reduction in outpatient load was not as much as in the main hospital. The outpatient load had remained at about 60 % of the usual load. Most of the patients reporting to the OP had been for their antenatal care and chronic disease management and a smaller proportion for other acute illnesses.



## Triaging

At the hospital gates, all patients were screened based on symptoms suggestive of COVID-19 and those with symptoms of fever and respiratory problems were sent to a fever clinic, which was separate from the outpatient area in order to avoid mingling with the general patients and patients with chronic diseases.

## Fever Clinic

The fever clinic was run for 8 – 12 hours a day and had a doctor with PPE. It was located away from the outpatient area to avoid any spread of infection. Patients at the fever clinic were broadly classified into 3 types:

- » Patients with mild flu like symptoms who were asked to self-quarantine / isolate themselves in their houses for a period of 7 – 14 days.
- » Patients who required testing for COVID-19 were sent to Government Vellore Medical College / CMC hospital.
- » Patients who required admission were referred to CMC Main Hospital for further management.

The fever clinic was seeing an average of 6 patients per day during the initial lockdown in April.

## Mother and Child Services (MCH)

The mother and child health services have continued for all the patients reporting to the hospital. At the antenatal clinic, the patients were prescribed medicines for longer duration to decrease the frequency of visits to hospital. The numbers at the antenatal clinic were at about 60% of the usual.

## Immunisation clinic

Immunisation clinic for children continued as before and the number of patients reporting was about 50 - 60% of the usual. There used to be an average of 72 patients per day during the initial lockdown days in April.

## Inpatients

The inpatient numbers for non MCH indications had reduced by more than 50% and all elective surgical procedures were suspended.

The number of women presenting to the labour room had remained the same as before. In preparation for patients with suspected COVID-19, the isolation

ward was equipped to admit COVID-19 positive women in labour. The required PPE, equipment for delivery and management of the newborn was also kept ready in the isolation ward.

## Rural Area – Kaniyambadi Block

A total of 28 villages were covered and about 500 patients were given their chronic disease medication for the early month into the lockdown. The remaining 57 villages with approximately 1500 patients with chronic diseases were covered over the next two weeks to make sure that patients do not discontinue their treatment.

On 23rd April 2020, after obtaining permission from the Collector, the services in the mobile clinic were enhanced with the presence of a senior doctor who provided antenatal care and referral of high risk antenatal patients. Chronic disease care continued as before. The peripheral clinic in Kaniyambadi block saw an average of 83 patients per day.

## Jawadhi Hills

A different strategy was implemented in the tribal area in view of the geographic terrain and the wide distribution of hamlets in this area. The department had identified and trained health volunteers from 22 of the hamlets who were facilitating and enhancing the provision of health and developmental activities in the tribal area over the last 18 months.



A list of patients and their required medication for the next one to two months were extracted from the health information system. A team of healthcare workers packed and distributed the medications to the health volunteers in the respected villages. About 250 patients received their chronic disease medication through this system of distribution.



### Veerappanur Clinic

The Jawadhi mobile clinics and the clinic at Veerappanur were temporarily shut down with the onset of the lockdown. About a month later after reviewing the situation; the department restarted the clinic at Veerappanur for which permission was obtained from the District Collector. The services at the mobile clinic in Jawadhi were initially suspended. Eventually, the team was able to provide medicines for the chronic disease patients and the antenatal patients.

### Provision of food for the patients in Kaniyambadi and Jawadhi

Through contributions within the department, rice, dhal, sugar, tea, spices for 2 weeks for 75 people were provided after getting proper consent from local authorities. A similar plan unfolded in the tribal areas, where a list of 100 individuals was identified by the team. Through support from a local Christian trust, similar supplies were bought, packed and supplied to the individuals identified.



### College of Nursing Community Health (CONCH)

#### Contribution of nursing students in the fight against Corona

The Student Nurses Association (SNA) contributed one lakh rupees towards PPE and another lakh towards Manna Meals programme of the institution. The nursing students prepared PPEs for the lockdown period, 650 head covers, 164 masks and 70 pairs of shoes. The CONCH nurses took special effort and visited the psychiatric patients at home.

All proper permissions were obtained from the concerned government authorities before providing the COVID-19 community services.



# Milestones through 120 years of healthcare

1981 Ophthalmology hospital in the Schell campus is established  
 1982 Degree programmes in Occupational Therapy and Physiotherapy began LCECU  
 1984 Continuing Medical Education department was established  
 1985 Epidemiology resource centre was inaugurated  
 1986 National AIDS reference and surveillance centre  
     CMC Performs India's First Bone marrow transplant  
     MSc Biostatistics Department was established  
 1987 College of Nursing Community Health (CONCH) began

1961 CMC Performed India's First Successful Open Heart Surgery  
     CMC performed India's First Middle Ear Microsurgery  
 1962 Medical Records and Physiotherapy courses began  
 1965 Fleming Memorial Research Laboratory in Virology was established  
 1966 Rehabilitation Institute (India's first) was established  
 1968 Occupational Therapy and Hospital Administration courses began  
 1969 College of Nursing, Post-graduate degree courses began

1942 The Medical College Started with the MBBS Degree Course  
 1945 Lab Technician Training Courses Began  
 1946 Introduction of the College of Nursing Degree Course  
 1947 Male Medical Students' Joined  
 1948 CMC Performed World's First Reconstructive surgery on Leprosy Patients  
     Establishment of Neurological Sciences Department (South Asia's first)  
     Rural Health Centre started at Kavanur

1940s 1950s

1950 Introduction of MD and MS Courses  
 1954 Introduction of Radiographer Training Course  
 1956 The Mental Health Centre, Nambikkai Nilayam (an institute for children with special needs) was established  
 1957 Rural Health Centre began at Bagayam  
 Introduction of Pharmacy Diploma Course

1900s 1910s

1900 The Single-bed Dispensary began  
 1902 The Mary Taber Schell Memorial Eye Hospital was Established  
 1903 Training Course for Compounders Started  
 1906 Roadside Clinics Began to Function  
 1909 The Nursing School Diploma Course was Introduced

1918 The Medical School for Women Started with the LMP Course

1960s



2000 Ida S. Scudder Centenary Centre for Women and Children

2001 PACS for radiology

2002 Cytogenetics Laboratory was established

2003 Vellore Bombay artificial limb

2004 H1 grading by investment information and credit rating Agency

Tele-Medicine unit was established

South Asian Cochrane Network

2005 Living donor liver transplant (CMC's first)

Surgical ventricular restoration (CMC's first)

IDTRC

2007 CSCR Pneumatic Tube conveyor system for laboratory samples

Fellowship in Secondary Hospital Medicine

Missions Office

2008 Anti-Retroviral therapy centre

2009 Endovascular repair of aortic aneurysm using three chimney grafts (first)

Successful ABO-incompatible renal transplant (India's first)

1980s

1990s

2000s

2010s

1970s

1971 CMC Performed India's First Kidney Transplant

1976 Artificial Kidney Lab was Established

1977 RUHSA's first quality assurance scheme for 59 Indian labs

1978 CMC Becomes the Betatron ICMR Centre for advanced research in Virology

1991 Dr Ida B. Scudder radiation therapy block was inaugurated

1996 CMC performed:

- Carotid bifurcation stenting (India's first)

- Trans-septal carotid stenting (World's first)

- Trans-jugular mitral valvulo plast (World's first)

Distance Education Unit – Family Medicine programme

1997 CMC Performed In vitro fertilisation via gamete intrafallopian tube transfer (India's first)

1998 CMC Performed - Bone marrow transplant in 6-month-old baby (India's first)

Total body irradiation for bone marrow transplantation (CMC's first)

1999 Intracytoplasmic sperm injection for infertility (CMC's first)

Liver transplantation (CMC's first)

2010 Chittoor Hospital campus foundation stone laid

2011 E-learning classroom Advanced medical simulation lab

2012 Medical undergraduate seats increase from 60 to 100

2015 CMC emerges second in India Today's survey

Brick laying ceremony at Kannigapuram CMC, extends services outside the state through the new Chittoor campus

2018 Centenary of Medical Education

Dr. Robert H. Fish, the closest living relative of the founder, Ida Scudder, delivered the seventh Dr. Ida S. Scudder Humanitarian Oration - 'Honouring the Legacy of Dr. Ida Belle Scudder'

Paediatric Nephrology sub-speciality celebrates its first renal transplant

2019 Dr. Gagandeep Kang becomes the first Indian woman to be elected Royal Society Fellow

Department of Clinical Haematology celebrates completion of 2000 allogeneic stem cell transplants

Department of Gastroenterology successfully performed an endoscopic ultrasound-guided gastro-enterostomy for the first time in South India.

2020 CMC receives the Indian Research Excellence Award.

Ranked third in the National Institutional Ranking Framework (NIRF) – India Ranking 2019.

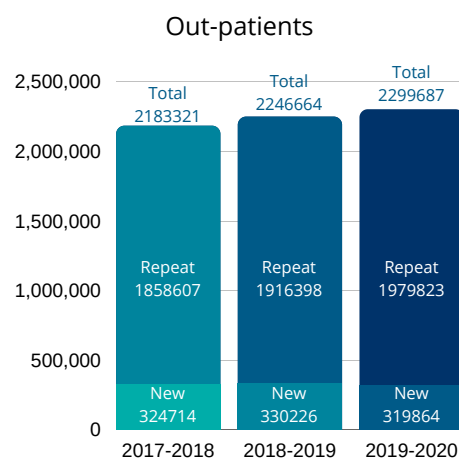
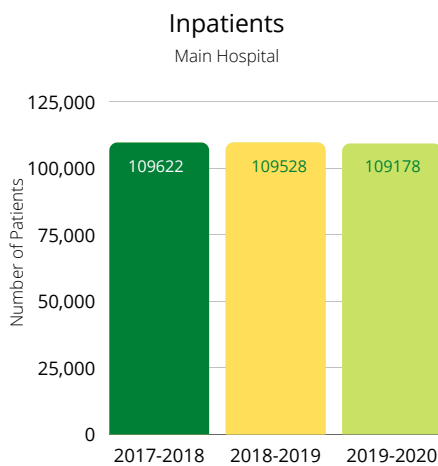
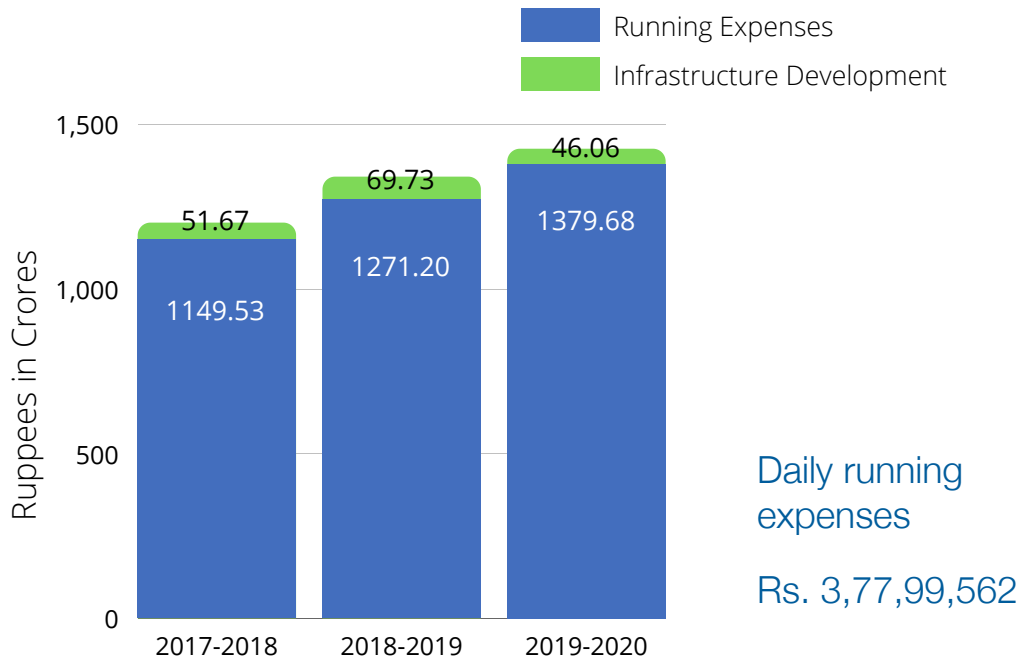
Dr. Priya Abraham, is appointed as Director of National Institute of Virology

Dr. Mathew J. Chandy receives the Honorable Padma Shri award.

CMC ranked second among the Best Medical Colleges by India Today

# CMC's Financials 2019-20

## Major Expenses



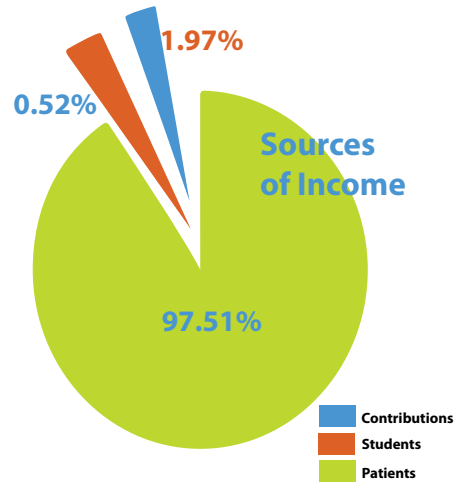
The Financial model of CMC has evolved into a volume-based economy. The low-cost care has led to a high patient load which has steadily helped the organisation to keep its per-capita margins reasonable. A positive cascade has enhanced the financial turnover.

The volume-based economy enables the common man to have access to basic healthcare in the face of spiralling inflation and economic shocks. CMC's surpluses are made by numbers and small margins that add up to big sums. For instance, there are around 16,000 biochemical samples being tested in the hospital every day.



### Sources of Income, 2019 – 2020

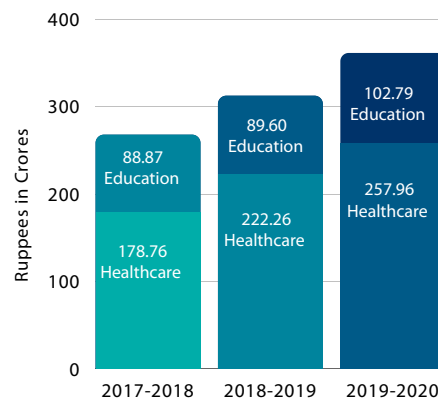
ICRA, an independant and professional Credit Rating Agency, in 2017, gave CMC Vellore a Double-A rating for its steady revenues and stable occupancy levels. In 2019-2020, 97.51% of CMC Vellore’s revenue came from patients, 0.52% from students and 1.97% from contributions.



### Charity

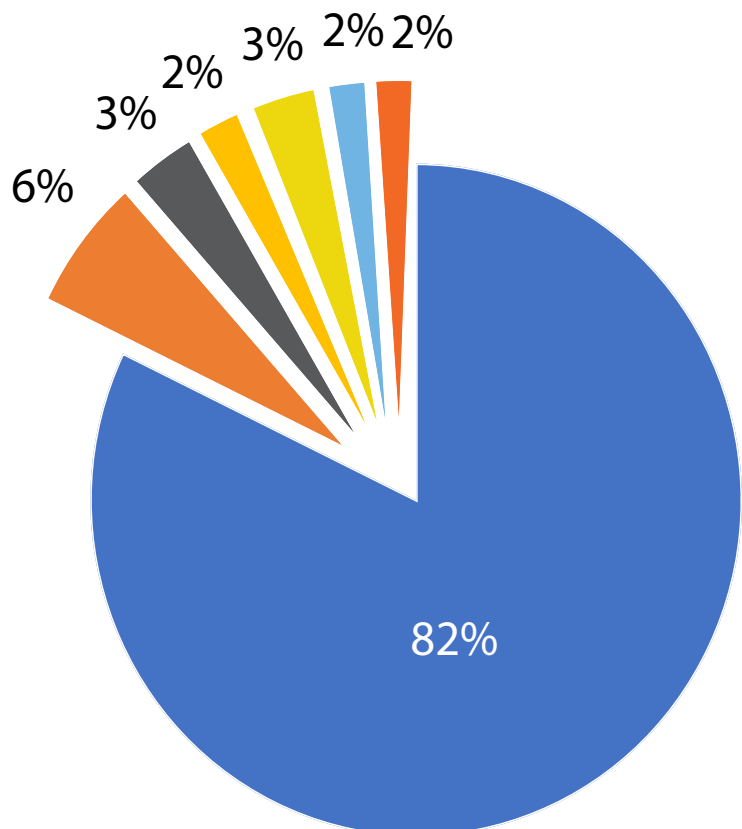
Free & subsidised care is provided to those who are marginalised, the poorest of the poor who have no means of livelihood, and who are referred to CMC by its social workers in CMC’s community centres. It is provided through funds allocated from surplus, large endowments created for the purpose, and small-scale donations raised through person-to-person help schemes.

### Subsidy



### Charity, Healthcare 2019-20

- CHAD
- Schell Eye Hospital
- RUHSA
- Special Funds
- Mental Health Centre
- Rehabilitation Institute
- Chittoor Hospital
- Kannigapuram Campus (Outreach)
- Person to person



# CMC GIVES

“For I am the Lord who heals you!” - Exodus 15:26

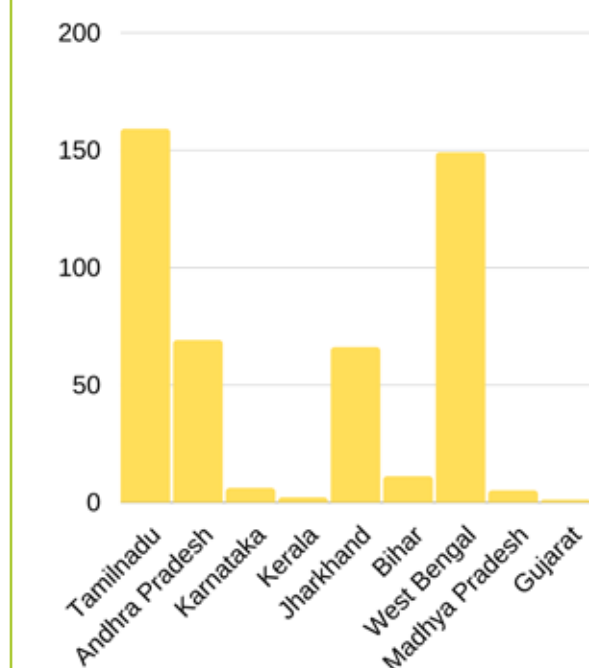


*A cheerful Chatram patient with friend*

The CMC funded Hospital Chatram (The Shelter) has its beginnings in 1906 when Dr. Ida Scudder began her roadside clinics. The patients who required an outpatient treatment were provided a temporary shelter to accommodate their stay. For the poor patients, a low cost accommodation was necessary. As a response to these needs the Chatram was built in 1968 and had twelve rooms with cooking facility and one dormitory. The charges for the rooms were Re. 1 per day and dormitory accommodation was free of cost. In 1988, five more rooms and one dormitory were built. The extension of the Chatram was made possible by the kind donations from Friends of Vellore including Mr. B.C.Jain and friends from West Germany.

In 2010, two more dormitories and a room was dedicated. The Chatram now has a total of 18 rooms and 4 dormitories. Charges are Rs. 45/- per day for a room and Rs. 25/- for the dormitory.

State wise distribution of patients at Chatram



A total of 468 patients were accommodated in the Hospital Chatram during the year 2019 – 2020. A chaplain was designated to visit the residents of the Chatram once a week. A full time caretaker lives in the Chatram premises to look after the needs of patients.

The breakfast scheme started in April 2018, by the MBBS batch of 1970 and well-wishers from Vellore. The scheme provided breakfast for the inmates of Chatram 5 days a week. The issue of Manna Midday Meals token in Chatram premises started in April 2018. The scheme is funded and managed by the current and former-staff of the Orthopaedics, Spinal Disorders Surgery and HLRS Departments.

## Manna Mid Day Meal Scheme

The Manna Mid-Day Meal Scheme was started in 1998 by few current and former staff of CMC from the Batch of 1970 to help poor patients during their stay in the OPD. Though the treatment was free with the PTP or Special fund, the very poor went without food. It started in a small way to help with a meal and many joined the effort and donated money to support the initiative. Later it became a regular programme. There are many generous donations from groups, individuals and regular donations from staff through their



salary deductions. The coupons are handed over to deserving patients through doctors' recommendation and the Public Relations Office. The patients then receive the meals through the Good Samaritan canteen.

The scheme also provides lunch or dinner to those staying in Chatram.

## Response during COVID-19

In the event of COVID-19 pandemic, many of the patients who had come to CMC Vellore for treatment were stranded due to travel restrictions. This included both outpatients and inpatients and their relatives.

CMC took an immediate step to respond to this need and the Manna scheme supported patients and families who were stranded and could not afford to buy food. The team at the Good Samaritan canteen responded and accommodated this additional need. Additional storage space for commodities was arranged and a wholesome menu prepared with the available commodities in the market.

Patients were identified in the OPDs and in the wards and coupons were processed through the Public Relations Office. Apart from these the scheme also covered care-givers who were quarantined. A patient and his/her two attenders were supported for six meal coupons in a day. The cost of 6 meals per patient plus one caregiver per day is Rs. 250. A total of 20200 meals have been distributed from March 25<sup>th</sup> when the lockdown began.

This was made possible due to the generous contributions from many of the staff across the institution who donated generously and even opted for salary deduction to support the scheme.

This scheme has continued for the 22 years. Over the past years, caring friends have helped support patients through this programme. This whole programme is coordinated and implemented by a team from the Missions Department, PRO and the Good Samaritan Canteen.

**“For I was hungry and you gave Me food; I was thirsty and you gave Me drink; I was a stranger and you took Me in; Mathew 25:35**



## *Aunt Ida's Prayer*

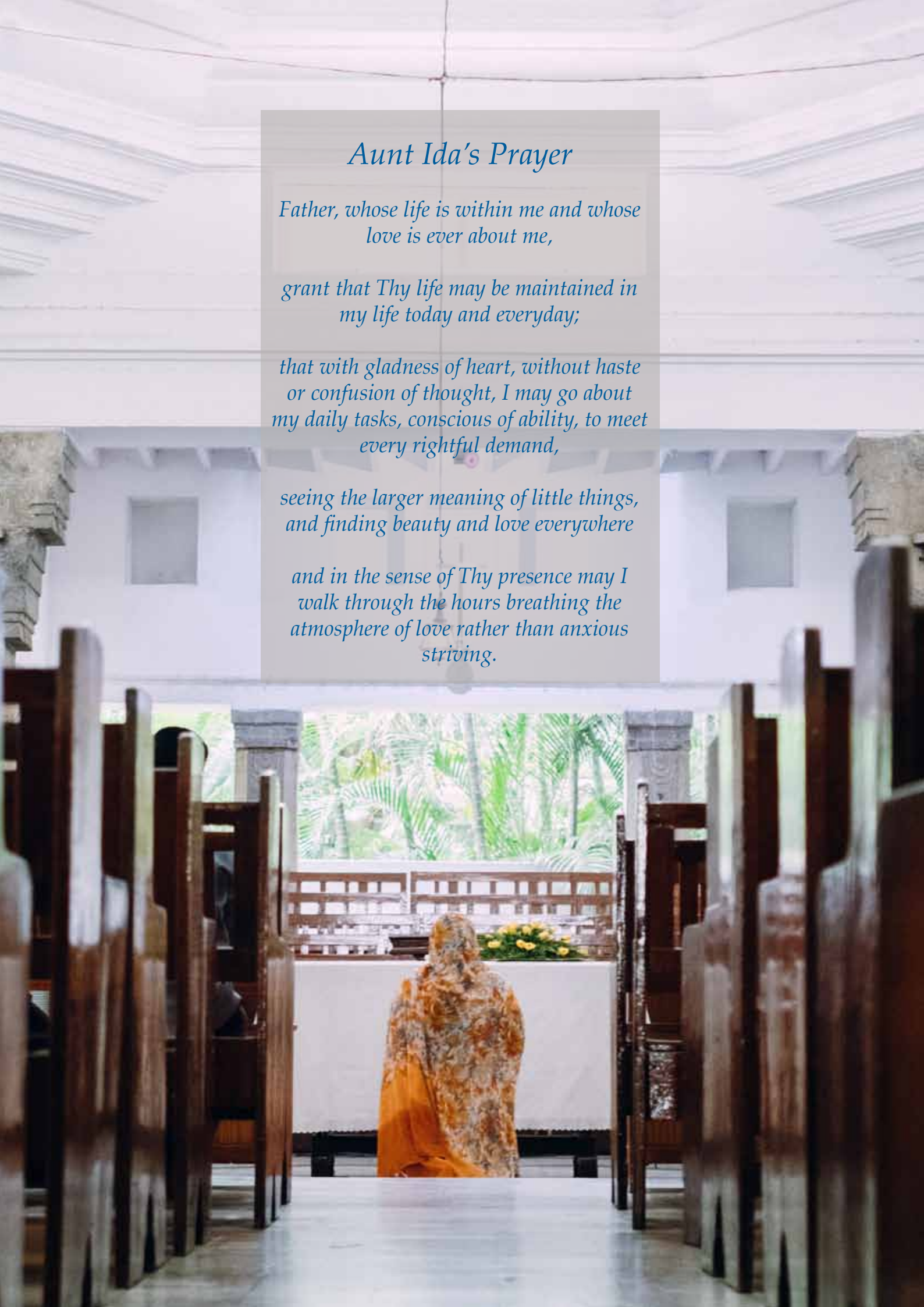
*Father, whose life is within me and whose  
love is ever about me,*

*grant that Thy life may be maintained in  
my life today and everyday;*

*that with gladness of heart, without haste  
or confusion of thought, I may go about  
my daily tasks, conscious of ability, to meet  
every rightful demand,*

*seeing the larger meaning of little things,  
and finding beauty and love everywhere*

*and in the sense of Thy presence may I  
walk through the hours breathing the  
atmosphere of love rather than anxious  
striving.*





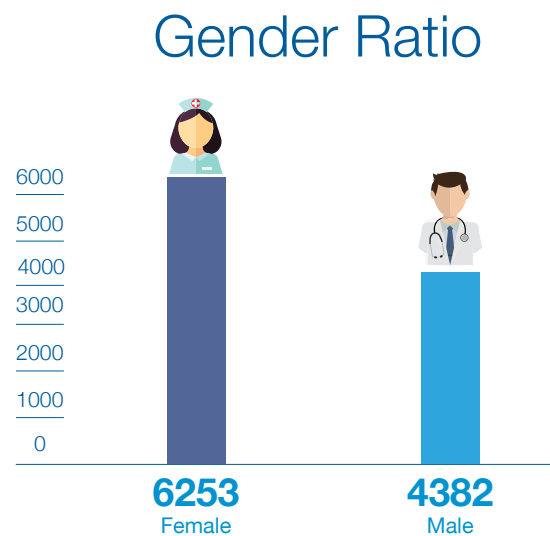
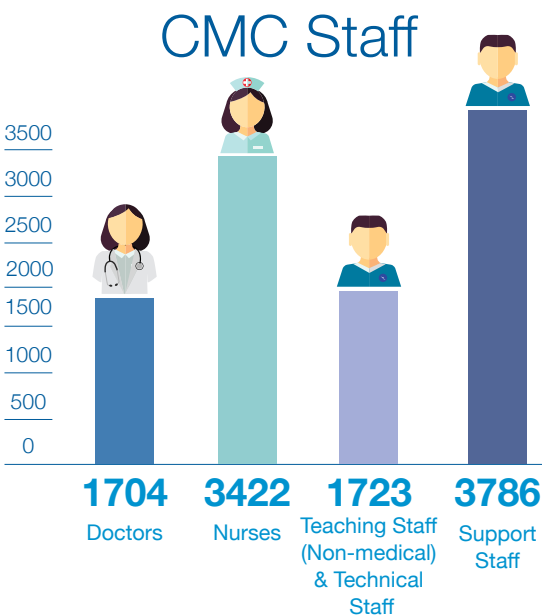
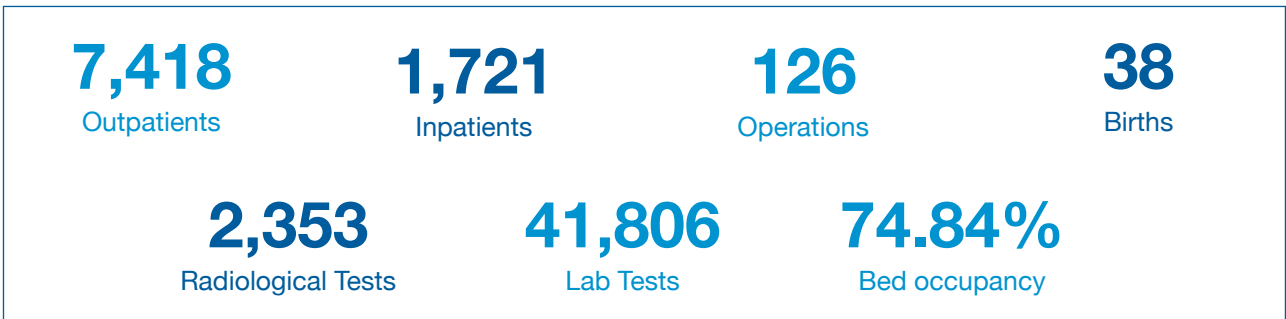


# Clinical Services



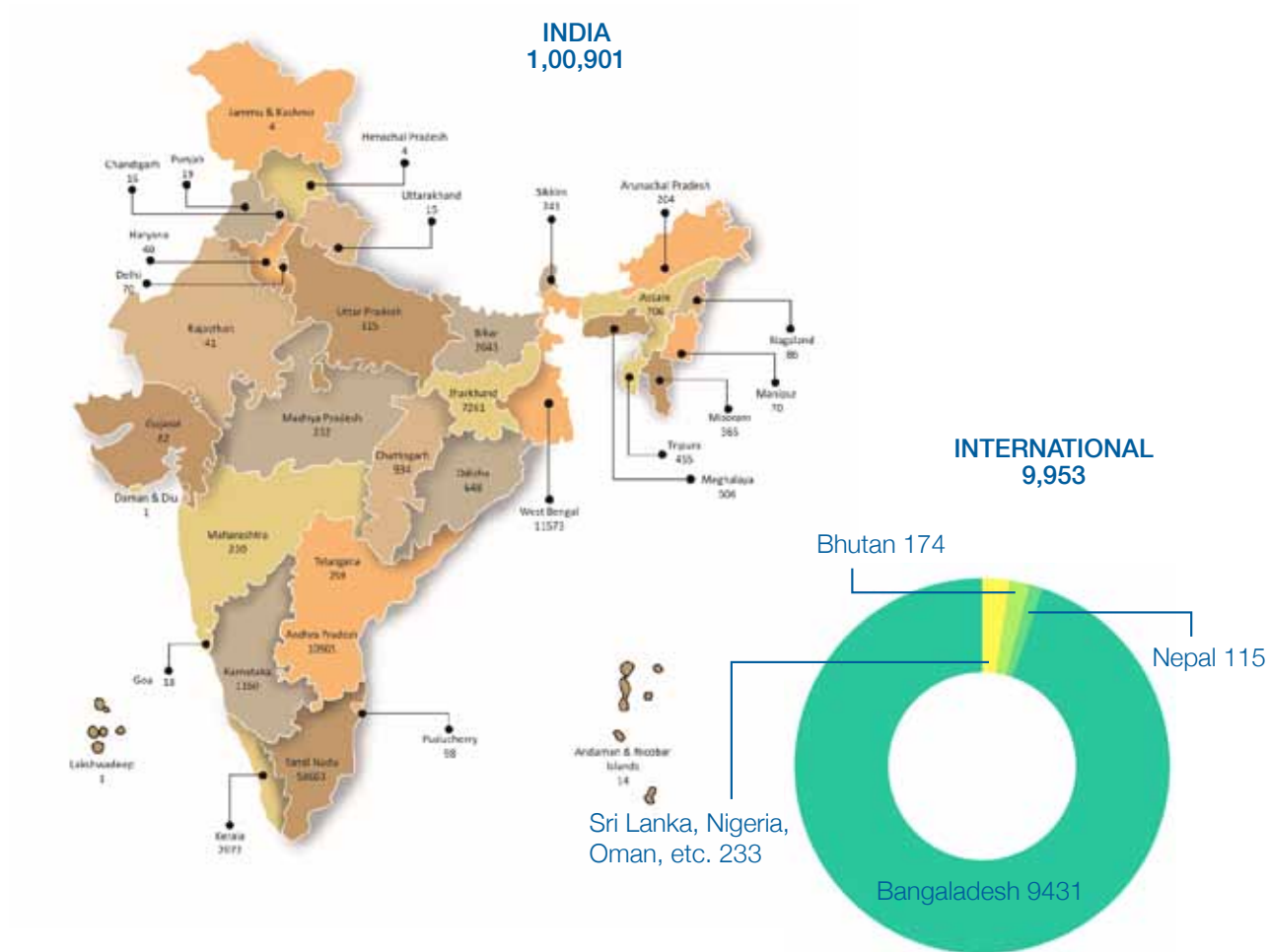


# A Day at the Main CMC Hospital





# Geographical Distribution of Inpatients



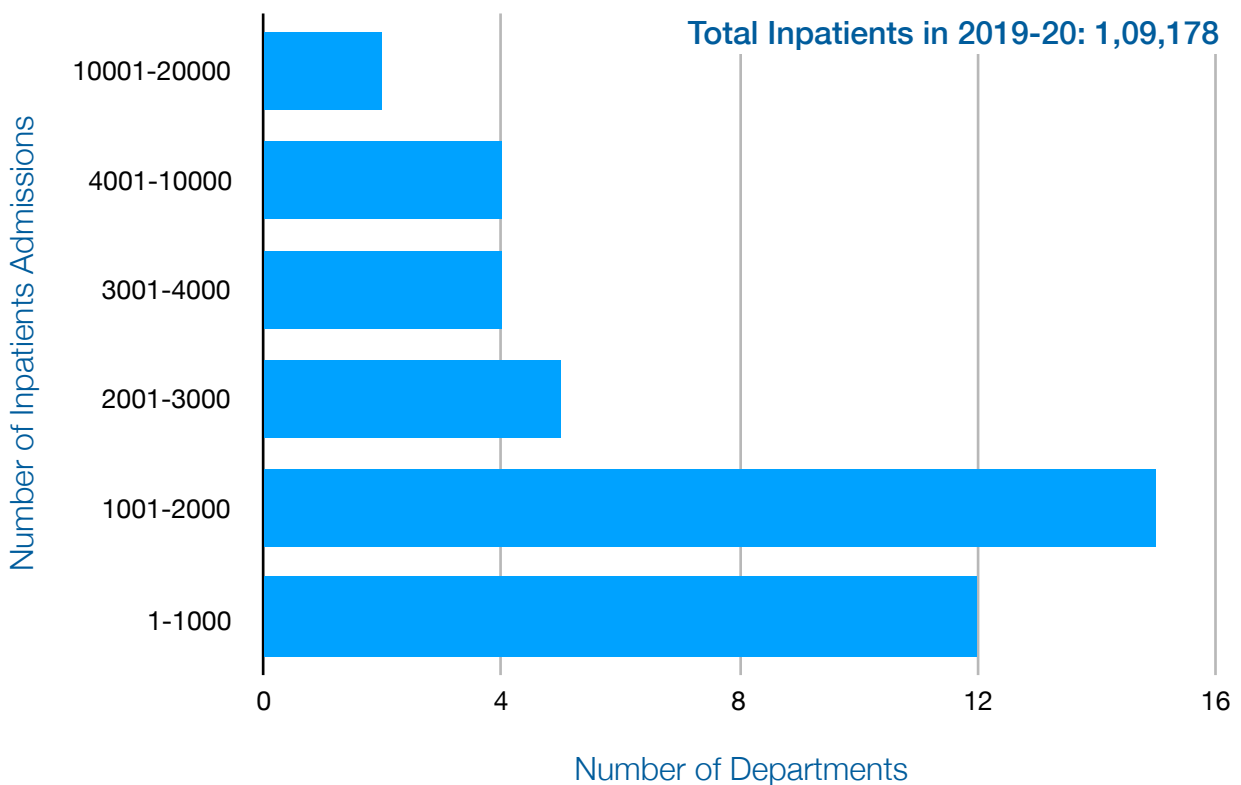
## CMC OUTPATIENT STATISTICS

(APRIL 2019 –MARCH 2020)

	Beds	Inpatients	Outpatients	Births
Main Hospital	2305	1,09,178	22,99,687	13,793
Community Health and Development	140	12,323	1,04,028	4,581
Rural Unit for Health and Social Affairs	70	4,098	92,454	1,200
Schell Eye Hospital	100	8,189	1,30,168	NA
Low Cost Effective Care Unit	48	1,933	69,101	127
Shalom Family Medicine Centre	NA	NA	37,156	-
Mental Health Centre	98	929	1,17,913	-
Nambikkai Nilayam	24	119	4,833	-
Rehabilitation Institute	100	NA	NA	NA
CMC Chittoor Hospital	120	7,363	1,67,873	867
<b>Total</b>	<b>3005</b>	<b>1,44,132</b>	<b>30,23,213</b>	<b>20,568</b>



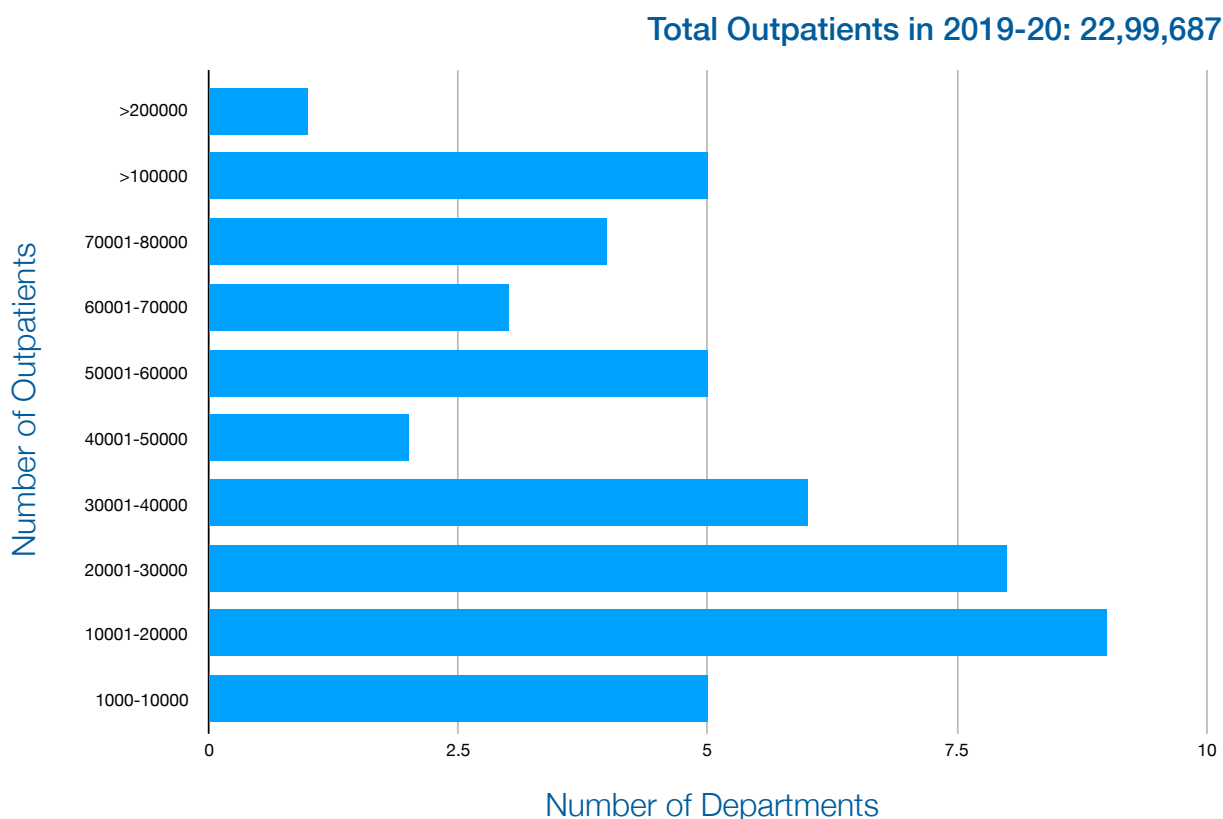
## Inpatient Statistics 2019 - 2020 Main Campus



*Distribution of Inpatients is based on number of admission*

# Outpatient Statistics 2019 - 2020

(Main Campus, Shalom, CDC and Kannigapuram Clinic)



## New Outpatient Clinics

New clinics started during the period April 2019 to March 2020

NO.	NEW CLINICS	10	LR Triage
1	Aortic Aneurysm and Endovascular clinic	11	Paediatric Hearing and Implant Clinic
2	Caring Clinic	12	Paediatric Neurology Epilepsy Clinic
3	Chemotherapy Clinic	13	Preanaesthetic Clinic
4	Dental Laser Clinic	14	Stone Clinic
5	Dental Laser Clinic	15	Transplant Clinic
6	HPV Clinic	16	Triage Clinic
7	Infant Mother Nurture Clinic	17	Upper GI Cancer Clinic
8	Kannigapuram Citizen Clinic	18	Urology Reconstruction Clinic
9	Low Risk Infant Clinic	19	Uro-Oncology Clinic

*More than 100 Special Clinics are running regularly*  
*Distribution of outpatient based on patient numbers*





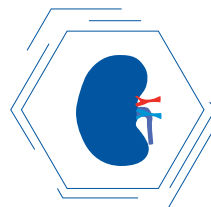
# Therapeutic Procedures (2019-2020)

<b>Anaesthesia</b>	
Inside OR	38,975
Outside OR	11,271
<b>Blood Bank</b>	
Blood transfusion	73,627
<b>Cardiology</b>	
Cardiac interventions	2,674
<b>Dental Procedures</b>	88,571
<b>Dermatology Procedures</b>	38,704
<b>Developmental paediatrics</b>	
Devp. Paed. Assessment	6072
Devp.paed.Therapy	1040
Occupational Therapy	4361
Speech Therapy	6095
<b>ENT Therapies</b>	7,271
<b>Gastro</b>	
Endoscopy procedures	25,029
<b>Haematology</b>	
Bone marrow transplants	284
<b>Head and Neck Surgery I</b>	
Therapeutic treatment	339
<b>Nuclear Medicine</b>	
Nuclear Therapy	638
<b>Nephrology</b>	
Kidney Dialysis	35,872
Kidney Transplants	78
<b>Neurology</b>	
Radiosurgeries	76
<b>Ophthalmology</b>	
Eye operations	9,184
<b>Pharmacy</b>	
No.of items dispensed	1,67,51,819
<b>PMR &amp; Rehab</b>	
Prosthetic and Orthotic Appliances	37,188
Occupational Therapy treatments	1,34,465
Physiotherapy treatments	2,45,747
Speech Therapy treatments	11,554
<b>Pulmonary Therapeutic</b>	4,231
<b>Radiodiagnosis</b>	
DSA Procedures	7,870



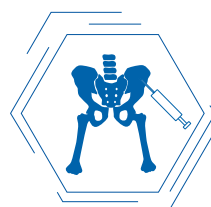
Blood transfusions

73627



Kidney Transplants

78



Bone Marrow Transplants

284



Eye Surgeries

9184



Dental Procedures

88571

## Radiation Therapy

Brachytherapy	229
Chemotherapy	2525
Radiationtherapy treatment	2556
Stereotactic Radio Surgery and Radio Therapy	159

## Rheumatology

Immunology	2931
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## Surgeries

Main OR, CB and Day Care	38,779
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## Urology procedures

556

# Quality management cell

Quality Management Cell was started in the year 2007. The department is directly under the purview of the Director and is represented by Deputy Director (Quality) who leads the Quality Management Cell.

The Quality Management Cell has been constantly renewing and reviewing the quality of health care and other aspects of the institution. They conduct surveys frequently and point out the weak areas in the institution which require immediate repairs.

## Quality Management Committees:

In order to maintain quality, various committees were formed which monitor all the crucial areas in the hospital. Few of the committees run by the Quality Management Cell and Safety Cell include, Quality Steering Committee, Medical Audit Committee, Safety Core Committee, Safety Steering Committee, CPR Audit Committee, Forms Committee, Needle Stick Injury Committee, BMW Committee, Fire Management Committee, Theatre Steering Committee and Radiation Safety Committee.

## Mock drills:

- » Fire emergency training and mock drills were conducted for all the wards by the Safety Cell
- » Fire evacuation mock drills were conducted in the OPD on a frequent basis
- » Child abduction mock drills were conducted in ISSCC building and MHC.
- » Code blue mock drills were conducted every week.



## Other activities and initiatives:

- » Facilitation for occupational health as and when required
- » Facilitation for chemical safety audits and training
- » Facilitation for radiation safety audits and training
- » Contribution as resource persons for in-service training, training initiatives for students and staff, mandatory training and orientation programmes
- » Contribution as faculty for administrative educational courses
- » Staff participation and certification in CPQIH (advance) by CAHO
- » Quality related conferences
- » Active involvement in the COVID-19 management in the institutio.





Survey taken at the COVID-19 wards to assess patient satisfaction

Sl. No	Parameter	No. of Response	No. of Patients satisfied	Patients Satisfied (%)
1	Experience with fever clinic/ triage while accessing service in CMC	95	92	97
2	Your experience with testing/ swabbing	95	94	99
3	Experience with the admission process to ward	95	92	97
4	Clinical care given to you by doctors	95	95	100
5	Clinical care given to you by nurses	95	95	100
6	Interaction of staff- doctors, nurses, paramedics etc. with you during your stay	95	95	100
7	Updating your health status to you and your relatives	95	91	96
8	Emotional and psychological support provided during your stay	94	94	100
9	Staff were helpful in meeting your needs	94	94	100
10	Drinking water facility in the ward	94	94	100
11	Dietary services	94	50	53
12	Linen provided in the ward	94	91	97
13	Cleanliness of ward	94	90	96
14	Cleanliness of toilets	94	86	91
15	Overall satisfaction	94	94	100

# CMC Vellore, Chittoor Campus



*The CMC Vellore Chittoor Chapel*

To cater to the needs of the growing population, CMC Vellore branched out its services at Chittoor in Andhra Pradesh since the year 2011. The CMC Vellore Chittoor campus is located around 29 km away from CMC Vellore hospital at 190 Ramapuram Village, 189 Kothapalle Post, Gudipala Mandal, Chittoor -517132, Andhra Pradesh. Quality medical care with optimal attention to patient care forms the central vision of this institution. This campus is currently functional and is growing rapidly with modern infrastructure and amenities as a referral hospital in Chittoor, Andhra Pradesh.

The campus has 120 beds and four state-of-the-art operation theatres, surgical equipment and advanced anaesthesia machines, which have been

fully operational since September 2016. More than 10,000 surgeries have been performed on patients from Chittoor district, the surrounding states as well as those from the neighbouring countries. The CMC Vellore Chittoor campus offers comprehensive medical care to patients under 26 specialty departments, including a vibrant community outreach programme. Specialty surgeries include, Paediatric Surgery, Orthopaedics, Orthopaedic Oncology, Spine, Dental Surgery, Endocrine Surgery, Obstetrics & Gynaecology and so on. The in-house facilities for emergency and trauma care are fully functional with a highly experienced medical team.

The CMC Vellore Chittoor campus has shown a significant growth and development over the past year. The Neonatal and Maternity Facilities were dedicated and more than 912 deliveries were conducted since March 2019. The Chittoor district contributes to about 10% of the mother and baby related services in Vellore and these facilities have been a bonus to the people of Chittoor. An emergency obstetric theatre is also available in addition to the existing four state of the art operation theatres.

Over the last year there has been a significant growth in patient numbers (more than 1,30,000 per annum). An active community health programme covering over 9 villages, blood donation camps, school awareness programmes and camps for the disabled are active. The Physical Medicine and rehabilitation department with an orthotic centre is also available.

## Outpatient Services Available at the Chittoor Campus:

- » Anaesthesia
- » Cardiology
- » Child Health\*
- » Dental
- » Dermatology\*
- » Developmental Paediatrics
- » Ear, Nose and Throat\*
- » Endocrinology
- » General Medicine\*
- » General Surgery\*
- » Geriatrics
- » Infertility\*
- » Obstetrics and Gynaecology\*
- » Occupational Health and Toxicology
- » Ophthalmology\*
- » Orthopaedics\*
- » Pain Clinic
- » Paediatric Surgery
- » Physical Medicine & Rehabilitation\*
- » Psychiatry
- » Pulmonology
- » Toxicology and Occupational Health
- » Urology

# Pastoral Care

## Donning God's PPE

*Stand firm then, with the belt of truth buckled round your waist, with the breastplate of righteousness in place, and with your feet fitted with the readiness that comes from the gospel of peace. In addition to all this, take up the shield of faith, with which you can extinguish all the flaming arrows of the evil one. Take the helmet of salvation and the sword of the Spirit, which is the word of God. Ephesians 6:14-17.*

If you have stumbled across any calm, serene smiling face in the hospital corridor... it has to belong to a Chaplain. Clad in white cassocks, a black cincture looped around the waist... sometimes donning common garments, the CMC hospital keeps within its gates an army of healers of different capabilities.

The Chaplains, (men and women), work alongside the medical workers in order to fulfil the purpose of holistic healing in the Christian Medical College, Vellore.

When Corona struck the world, human interactions were forcefully shut down. Especially in a hospital, where thousands come in sickness and pain, the human touch plays a vital role in renewing their courage. But in the absence of this, the patients and health care workers were distanced.

When the Covid patients began pouring in, there was total isolation. Their only source of contact will be a doctor or a nurse hidden behind layers on PPE. How can they resume communication like before? Where is the space for a kind touch of the relative or the reassuring, valuable verdicts of the doctors?

This space was bridged when, our chaplains decided to 'walk the rope', by volunteering to step into the Covid wards. Speaking to Rev. Dr. Arul Dhas, Rev. Finney Alexander, Rev. Raja and Rev. Jagedish, was indeed refreshing. They all have one common denominator, a smile and satisfaction in being messengers of hope and peace. Rev. Finney recalls one incident, when he encountered a family of eleven members, all tested positive, admitted in the ward. The father gathered his entire family to join in prayer with Rev. Finney.

Rev. Dr. T. Arul Dhas, spoke about the changes in



their routine and the new protocols they had to learn. His team was given training by Dr. Abimanesh on donning and doffing PPE. They were thrilled at this new yet cumbersome experience and were astonished as to how health care workers thrive in these plastic armours for lengthy hours.

They recalled how on the first day, they gave a pleasant shock to the doctors and nurses, when the chaplains walked in wearing a complete PPE.

It was indeed a rare sight... where else, other than in CMC can we witness 'Chaplains in PPE'.

This is indeed a 'Kingdom of God'.

Rev. Raja and Rev. Jagadish felt that it was a privilege for them to have access to Covid wards. The time they spend with the patients make a huge difference in the patient's life. Among all the fear, anxieties and death, they were able to provide little hope and warmth of care and love. Hand in hand, the medical team and the spiritual team are fighting against Covid.

The Department of Chaplaincy has a Covid Duty schedule, divided between Kannigapuram Campus and the Main Hospital. They have been and still continue to work hard towards dispelling fears and lifting up hope through prayers. The strongest weapon against any foe be it the biggest or even the most minuscule invisible virus - prayer is what CMC leans on.



# The Rehabilitation Institute



Story of Mr. Mohan in pictures

The Rehabilitation institute started in 1966 as the first civilian residential medical rehabilitation facility in India. The founder Dr. Mary Verghese, an Alumnus of CMC, a paraplegic in her twenties developed this service for the disabled in India. Patients with brain and spine injuries resulting in disability are admitted in the Mary Verghese Institute of Rehabilitation for long term therapy and training

WHO Collaborating Centre for Development

of Rehabilitation Technology, Capacity Building and Disability Prevention, a tribute to the pioneering work done over the last 50 years.

Prosthetic and Orthotic Appliances	37188
Occupational Therapy Treatments	134465
Physiotherapy Treatment	245747
Speech Therapy Treatments	11554
Gait & Video Analysis	280

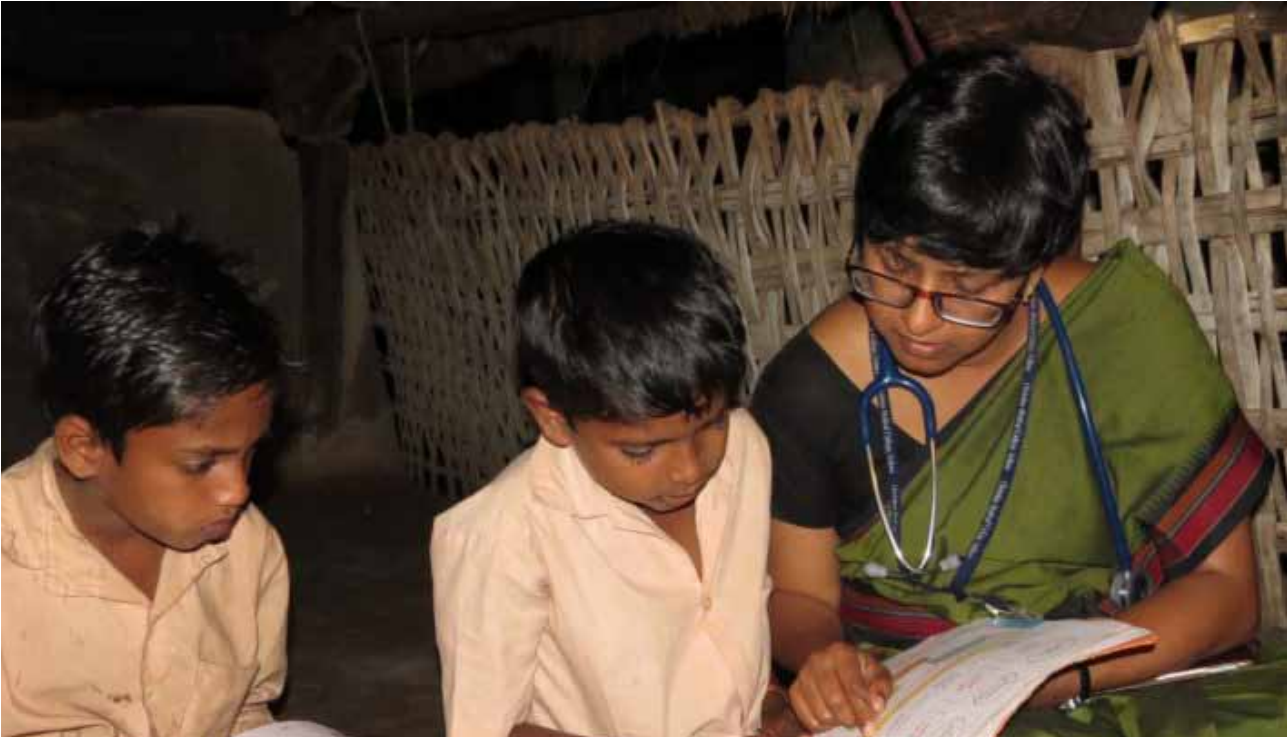




# Outreach







## Community Health and Development (CHAD)

The outreach activities of CHAD includes providing primary and secondary health care to Kaniyambadi Block, villages of Jawadhi hills, urban slums of Vellore town in Kansalpet, Sreenivasanagar, Saidapet and Kagithapattarai.

### Statistics

Bed	140
Inpatient	12,323
Outpatient	1,04,028
Births	4,581
Total number of Mobile Clinics	543
Total number of Camps	48
Total number of Surgeries	1355
Total number of Children Immunized	8962
Total number of Nursery Admissions	1399

The Diabetic, Eye and Antenatal Attended ANC have the maximum number of patients among the many OPD's run by CHAD.

### Special initiatives

The CHAD Home Based Palliative Care programme was started in July of 2018, in the Kaniyambadi block and to a smaller extent in Jawadhi Hills, to

address the growing needs of patients with life limiting illnesses.

The core team includes three doctors, two nurses and a field worker who have been trained in the Essentials of Palliative care. The primary objective of the programme is to provide relief from physical symptoms, emotional and spiritual care followed by bereavement care for the families after the patient passes away through the home based care model. This includes end of life care such as symptom relief for pain, breathlessness, stridor, symptoms associated with cachexia and debility, back care for those who are bed bound and bed sore care for those who already have them. Another important focus has been to empower the caregiver in patient care and to provide guidance as to how to deal with various expected disease specific adverse events.

### The Jawadhi Hills

The Jawadhi hills tribals project, initiated in 1980 for a population of 30,000, aims to improve maternal and child health through regular clinic-based antenatal care, growth monitoring of children, nutrition education and ambulance services. In 2014, a permanent health care facility, the C.K Job Tribal Health and Development Centre, was inaugurated. An important facet of the work in Jawadhi Hills is the development of a scholarship scheme aimed at providing Nursing and AHS training for tribal youth. There are two day-care





At Jawadhi Hills

centres for the elderly, functioning in two villages in Kaniambadi rural block. Basic medical services, occupational therapy, recreation, health education, nutritional support and counselling are offered. Reproductive health and family life education in the adolescent health programme for girls has been underway for school going children.

Total number of Mobile Clinics in Jawadhi	534
Total number of clinics in Jawadhi – Veerapanoor	309

In the Jawadhi Tribal Hills, model villages were designed by the department. These villages were developed with the help of the local bodies with the aim to provide, access to health care, clean water, means for personal hygiene and sanitation. At present there are two model villages, Koiloor Village and Vallithathankottai Village.

Outreach Clinics	591
House Visits	2,110
Persons Attended Eye Camps	853
Persons attended Cancer Cervix Camps	491
Persons attended Dental Camps	287
OPD's	51,605
Total Number of X-rays done	1,702
Total number of Children Immunized	5,068
Total Nursery Admissions	402
Total Number of Technical Workshops	5
Total Persons under CBR Care	120
Total Training Programmes for B.Sc/M. Sc (Nursing) /MSW /International Elective Students	47
Total No. of Community Health Education Programmes	63

## Rural Unit for Health and Social Affairs (RUHSA)

### Statistics

Bed	70
Inpatient	4,098
Outpatient	92,454
Surgeries	444
Deliveries	1,200

### Special Initiatives of RUHSA

#### Skill Development of Women

RUHSA introduced the Fashion Designing course for women to improve their earning capacity and help them lead a financially productive life. Fashion designing skills will enable the women to upgrade their skills and increase their earning capacity. The women are also trained in low cost dyeing and fabric designing, hand-made crafts and value addition of agricultural products.

### De-centralized Substance Abuse Clinics

These special outreach clinics are aimed to help patients to overcome substance abuse behaviour by providing treatment and support to both the patient and his family members through the Motivation Enhancement Therapy. The team consists of a Doctor, Social worker, Rural Community Officer and Community volunteers.

### Child Development Initiative

In collaboration with the department of Development Paediatrics this provides early diagnosis, intervention, rehabilitation and school integration of children aged 0-6 years with Neuro Developmental Disorders (NDD) through a community based approach.

### Empowering Adolescent through Education and Counselling

Adolescents are guided to build skills to manage psycho social issues with peers, within family and with elders. The programme has been extended to all the government schools in KV Kuppam Block for both boys and girls and will cover issues relating to reproductive health, nutrition, addiction to gadgets, substance abuse, relationship issues and physical activities.

### Comprehensive Care for the Elders

This provides a comprehensive programme addressing health and social needs of all elders in KV Kuppam block. It also includes comprehensive geriatric assessment, free health care, and holistic health services, recreation centers, Pastoral care, elderly clubs and community sensitisation.

### Expanding Vocational and Income Generation Activities.

RUHSA is expanding the economic development activities through formal and non-formal skills training under the Community College for increasing income and employability. Computer literacy classes, tailoring, SHG training, entrepreneur skills and hardware repair courses are some of the non-formal training provided.

### K.V. Kuppam Eye Project

The K V Kuppam Eye Project was inaugurated on February 13, 2020 with the help of donors from TATA Capital, CBM, the Outreach Ophthalmology



*Training children and mother using a PORTAGE activities*

department of CMC and team from RUHSA. The aim of this programme was to reduce avoidable blindness of those villagers who are above forty years in the K V Kuppam Block. The first phase of Eye camps were conducted at Latheri Harijan colony, Annangudi, Pillandhipattu and Kavasampattu. Health education awareness programmes were conducted through street play by the Health aids, rural community officers and students from Schell Eye Hospital to the community persons. Patients were identified at their home as a part of Enumeration programme with the help of family care volunteers (FCV) and Health Aids. Thereafter all 40 years and above were screened through the project Eye camp held in the village where a complete comprehensive eye examination including vision assessment, torch light / handheld slit lamp examination of anterior chamber, undilated fundus examination was performed. Dispensing of presbyopic glasses and referral of patients for those who needed further treatment were to the base hospital.

School screening was also done as part of this project in KV Kuppam block. Students from both higher secondary and nursery schools were screened.





Community Education in progress

Number of School Students Screened in all the camps	1649
Number of Patients Screened	2427
Number of patients who underwent Cataract Operations	265
Number of Spectacles distributed	303
Number of Patients Screened for Diabetic Retinopathy	277

### Diabetes Project: Patient Navigation System

The project was designed to test the feasibility of introducing operational health system interventions including ePatient Navigator System’ for community health workers (Health Aides) to create awareness and be a link between the community and RUHSA hospital.

### Respire Project

The project aims to reduce the impact and number of deaths caused by respiratory diseases in Asia. The project is implemented in collaboration with University of Edinburg, UK and is funded by National Institute of Health Research, UK. Under this project, prevention, detection and treatment

of adult lung diseases including lung cancer is conducted in the KV Kuppam Block, Vellore.

### Marginal Farmers’ Development Programme

The Programme aims to improve the rural livelihood of farmers through sustainable farming initiatives and effective water usage. Training on Organic Farming, minor millets cultivation and water conservation techniques are provided. Interest free loan to purchase Milch animals are provided for deserving farmers.

### Other Programmes at RUHSA

- » Community Nutrition Programmes
- » Community Based HIV Management Programme
- » Diabetes Management Programme
- » Geriatric Care
- » Cervical & Oral Cancer Prevention Programme
- » Empowering Adolescent through Education and Counselling
- » Career Guidance Center & Career Mela
- » Elderly Day Care Center
- » Children Play Center
- » Community Education





## Low Cost Effective Care Unit and Shalom Family Medicine Centre

The LCECU, caters to the urban, marginalised public of Vellore and nearby areas. The family and community health physicians are ever present to provide the best care at the lowest cost possible to these people who are unable to access normal health care.

Outpatients are seen on all week days; 250, patients are seen per day. The registration for the first visit is Rupees 30 and the subsequent visits are free. The inpatient services have 46 beds in two general wards; a section for isolation and one for post natal admissions.

### Outreach Services of LCECU

#### Outreach Clinics

The outreach clinics function in 5 slums- Old Town, Muthu Mandapam, Periyar Nagar, R.S Nagar and Samiyar Madam. Around 15 to 65 patients are seen per day in the clinics. Four of these clinics are held at the local churches and the volunteers from the area assist the physicians.

## Community Based Rehabilitation Programmes- CBR

Outpatients	37,156
Laboratory tests	39,907

The CBR programme was initiated by LCECU as a joint venture with the Department of Physical Medicine and Rehabilitation. This programme was funded by the WHO for two years and eventually CBR was incorporated into LCECU's regular outreach activities. It aims at rehabilitating the people with disabilities and helping them to reconnect with the society in an efficient manner.

#### CBR Thiruvizha

The CBR Thiruvizha is an annual event which is based on the Rehab Mela (a festival for the disabled patient recovering through rehabilitation). It allows them to interact freely with each other and the health care workers.

#### Life Skills Programme- LSP

This programme educates the youth of the slums of Vellore and sensitises them to the various issues of the society. Later, career guidance programmes were also introduced on popular demand.



health education component and organizes health camps, street plays, films and exhibitions in order to generate health awareness among people. CONCH also works with the District Health Administration and nearby NGOs to implement government health projects. Like all the CMC Community Health programmes, CONCH trains and empowers local volunteers to be their interface in the villages they serve. Their programmes are more family-centered and include frequent clinics for women with high risk pregnancies, geriatric clinics, dental clinics, eye camps, health camps and hearing aid camps.

Home visits are made on a regular schedule and carried out by the nursing staff and students.

### Health Education and Action projects - 1609

#### School Education- SEDU

A programme similar to the LSP was organised for the school students, which dealt with topics such as, life skills, basic health, violence, suicides, petty crimes and injury prevention.

#### CBR Training for OT, PT and P&O Students

Training in CBR and Primary Care (2002 till date)

Bed	48
Inpatient	1,933
Outpatient	69,101
Births	127

## College of Nursing Community Health (CONCH)

CMC's, College of Nursing maintains an important and highly effective Community Health programme referred to as CONCH that was established in 1987 and is a vibrant primary health care programme managed by nurses. Home visits form the basis of this outreach programme, focusing on a rural population of almost 71,172 living in 25 villages . . CONCH has a strong

Home Visits	
CONCH	42363
URBAN	35454

Programme	No. of Clinics/ Programme	Patients attended
General Health Camp	2	436
School Health Camp	4	452
World AIDS Day Programme	15	274
ORS and Breast Feeding Programme	30	429
Road Safety Week Programme	1	197
World Hypertension Day Programme	9	133
World Diabetes Day Programme	15	221
World Environment Day	12	63
School Screening Programme	6	1101
World Health Day	9	185
World Mental Health Day	9	139
World Nutrition Week	13	253

World Breast Cancer Awareness Programme	8	221
World Tuberculosis Day	9	221
Safe Motherhood Day	12	134
World Leprosy Day	9	147
World Women's Day	17	239
Deworming Day	17	301
World Hand Hygiene Day	14	310
International day of persons with disability	14	221

### Special initiatives

#### ENT Clinic

Monthly ENT clinics were initiated with ENT II unit of CMC, Vellore to identify hearing loss and other ear abnormalities.

#### Diabetic Retinopathy Clinic

Monthly DR clinics are initiated with the Community Outreach Services of Ophthalmology Department in the Urban areas served by Community Health Nursing Department.

#### New Geriatric Club at Perumugai Colony

Based on the request from the villagers, a new geriatric club was inaugurated in Kilminnel village on 1st October 2018 by Mr. Velu, Naatanmai of Kilminnel village. A health camp was organised for the elderly in which around 51 people were screened.

#### New areas included for service

The CONCH services were extended to one more new area, Gambarajapuram Colony.

#### School and Community Screening for Leprosy

As a part of National Leprosy Eradication Programme, Leprosy care detection campaigns was organised by the Government (PHC, and Urban Primary Health Centres) along with Community Health Nursing Department for the school children and assigned community areas. Leprosy

screening was done for school children and adults. Suspected cases were referred to PHC and UPHC. Health education on cause, spread, prevention and rehabilitation on leprosy was given to all those who were screened.

f. The Kannigapuram CONCH Outreach Clinic was inaugurated on July, 2019.

### Ophthalmology

The first mobile eye camp started in 1948, through the efforts of Dr. Victor Rambo. To date more than 50,000 free eye camps have been conducted.

At present there is a regulated outreach team for outreach camps and clinics and an office team to help the people who have been referred to Schell from these peripheral outreach services. Dr. Padma Paul has been heading outreach services unit from 4th July 2017 with able assistance from Dr Anika Alexander.

As per statistics in April 2019 - March 2020, 312 camps were conducted and 25,538 people have been screened in these outreach camps; of these 11,833 patients were seen in our secondary hospital clinics / peripheral camps and 13,705 patients attended the sponsored camps. About 9,700 have been identified with refractive error, 2,120 were identified with Presbyopia.

### Cataract

3826 patients had their Surgeries done through the Outreach Services at concessional or no charge.

### School Screening Programme

During the year April 2019 - March 2020, we have screened 3071 school children from 10 schools where 302 children were found to have refractive error.

During this year we also screened 736 patients for Diabetic Retinopathy screening in secondary hospital clinics/peripheral camps. 553 patients were diagnosed with No DR, 102 patients with Mild NPDR, 45 Moderate NPDR, 20 Severe NPDR, 16 patients with Proliferative Diabetic Retinopathy.





# Education





# Medical Education

## COVID-19 and Online Medical Education in CMC Vellore

The COVID-19 pandemic and its consequences including the nationwide lockdown and closure of physical education, has dramatically changed the way medical education is being offered in CMC Vellore. At the onset of the lockdown in late March 2020, students were restricted from going to the main hospital campus, and all classes were held in the College campus, with adequate social distancing. This carried on for a few days, and after a short break, online classes were initiated.

The platform that was chosen was Microsoft Teams. This seemed a natural choice, as the students already had access to the platform as part of the ongoing Educational Portal development. Faculty were also onboarded to the platform, to facilitate online education.

Online classes came with its own challenges. CMC Vellore's strength in education has been the excellent interaction that it had between faculty and students, its high faculty-to-student ratio, and the large number of patients that flocked to the hospital which provided students opportunities to gain clinical skills at the bedside.

The transition from on-site to online classes was challenging and was only possible due to the joint efforts of many individuals and departments. Interested faculty volunteered to learn and then train others in the methods involved. The Department of Distance Education partnered in the effort by drawing on its experience in online teaching. Online training modules for orienting faculty on online teaching were prepared. The entire

Internship Orientation Programme was created online. The E-learning Unit handled the technical aspects of the transition and provided faculty support. The Medical Education Department was involved in training and educating faculty on the best practices for online teaching. The Curriculum Office played a pivotal role as a hub for this planning.

It was only natural that the classes were compared to regular on-site classes with faculty and students missing the advantages of physical learning. The inability to access patients, the limited student participation, poor network connectivity, and technical and audio glitches were common themes in early feedback from the faculty. The students too had similar problems. These were addressed as best as possible. Network connectivity in the hostels was increased. Necessary audio and video equipment as well as common recording areas were provided for the faculty.

As students and faculty became more familiar with the system, a lot of innovation was seen. Online classes saw skits, video recordings, recordings of dissections, student seminars, case presentations, structured viva voce, innovative assessments, and many other methods of teaching. Faculty were also able to utilize the online platform provided by Microsoft Teams for teaching other students as well as for departmental meetings, administrative meetings, etc.

Although online teaching could never replace on-site teaching in medical education, certain aspects of it will surely remain. We hope that this aspect of teaching will continue, so as to enable CMC to fulfil its Vision to be a witness to the healing ministry of Christ through excellence in Service, Education and Research.



## Allied Health Sciences (AHS)

From 1903, when Dr. Ida Scudder trained local women as compounders, CMC has seen continuous upgradation in informal in-service training to certificate, diploma and university degree level courses, and 2011 saw significant increases in the number and range of AHS courses. The training integrates classroom teaching with hands-on clinical and practical work. The courses are designed to improve knowledge and professional skills, build character, nurture motivation and strengthen drive not to be served, but to serve the poor and marginalised.

## The Department of Distance Education

The Distance education department was started in September 2004 as a response to the acute need for multi-competent specialists to meet the huge demand in the health sector.

## New Initiatives and Courses for the Academic Year 2019-2020

### COVID-19 Preparedness Integrated Course - Advanced (supported by Tata Trusts)

At the outset of the lockdown due to the pandemic, the Distance Education Unit launched an Integrated COVID Preparedness Course, supported by TATA Trusts, for a spectrum of healthcare professionals. The focus of the course was in the care of critically ill patients, covering the hospital and health workers' preparedness in all fronts for optimal care of a COVID suspect or positive patient.

The course was designed as a Training of Trainer (TOT) model with trainers taking a 2-week online course that included an online Faculty Development Programme (FDP) followed by self-paced learning, formative and summative assessments and a Skills Workshop to equip the trainers to begin training in their own hospitals or on a virtual platform.



### Basic COVID Preparedness Course (supported by Tata Trusts)

With the onset of the Advanced COVID Course, it became obvious that there was a need for more basic training of healthcare professionals, especially those who were working in non-ICU setup. So a basic course was offered with six modules on an online platform. Formative and summative assessments were part of the course but there is no trainer support in the basic course.

### The Clinical Management of COVID19 – a skill up-gradation module

As the COVID command centre was set up in CMC, a training desk was a part of this command centre. The responsibility of the training desk was to provide hands-on training for the staff who would be deputed to the wards and clinics for COVID duty. It was imperative for the staff to be trained in an efficient and timely manner to prepare them for clinical COVID care. Several faculty from the institution prepared a short 5-module course which was scenario-based and focused on the clinical management aspects. These interactive modules were converted and placed on a digital platform by the Distance Education Unit. Access was provided to each staff member through their existing Microsoft logins. Staff continue to avail of this skills-up-gradation programme.

### COVID Suraksha Course (for community volunteers)

After several weeks of training for health care workers within the institution and across the country, the Distance Education noted the fact that a lot of training was available for health professionals but not for community volunteers. Based on our experiences from our previous community-level training programmes, the unit embarked on a journey to launch another course to equip community members in basic COVID care and this was called the 'COVID Suraksha' Course. The main focus of this course is to bring awareness and an understanding in the community about this pandemic and its effects. Apart from the English version, this course is being offered in a few Indian languages namely Hindi, Tamil, Kannada & Marathi.

### Number Trained - (As of Aug 31, 2020)

Sl. No.	Name of the Course	Numbers Trained
1.	COVID-19 Preparedness Integrated Course - Advanced	1208
2.	Basic COVID-19 Preparedness Course	100
3.	COVID Suraksha - For Community Volunteers	338
4.	Clinical Management of COVID-19 - Skills Upgradation for CMC staff	248

## College of Nursing



Christian Medical College, Vellore opened India's first College of Nursing which started the Graduate Nursing Course in 1946. However, the Lower Grade Nursing Course for girls began in 1909. The first batch of 15 girls graduated from the then School of Nursing. In 1932, the programme evolved into a diploma in Nursing and offered India's first degree course in 1946, an post-graduate courses and doctoral programmes in 1969 and 1994, respectively. The college continues to develop young nurses with exceptional knowledge and skills. The Faculty represents the institution and shares their expertise in various internal and external academic committees' and professional organizations. The midwife led clinic in the Outpatient department of CMC, and the Nurse led Community programme and the Specialist roles taken by the faculty in the hospital are examples of the active involvement of faculty in patient health care services.



The College of nursing in pursuit of professional excellence is committed to the care of the disadvantaged and marginalized. The undergraduate students are exposed to secondary level hospitals to sensitize them to the relevance and challenges of health care in rural India and to prepare them to competently work in any healthcare settings. The First year M.Sc Nursing students have the opportunity to visit Bihar one of the most backward low income states of India and gain insight on the “AMANAT” project run by CARE India in collaboration with the Government of Bihar and the CMAI.

As a WHO collaborating Centre, the college continues to be a resource centre for nursing and midwifery education. Faculty and student exchange programmes with Universities abroad enables collaborative education and research. As recognized by the Indian Nursing council and WHO as a centre for Ph.D Consortium the college guides PhD Scholars in their research activities.

Students from marginalised sections of the society are provided with scholarship to enable them to

excel in their studies. The college, hostel and the institution provides the student the ambience that nurtures them as a whole.

College of Nursing, CMC, Vellore was designated as WHO Collaborating Centre for Nursing and Midwifery in 2017 and this status is valid till November 2021 .

College of Nursing has signed an MOU with the Directorate of Health Services, Government of Madhya Pradesh for training in Capacity Building of Nursing Personnel in the areas of Critical Care, Oncology Nursing, Emergency and Trauma Nursing, Renal Nursing, Cardiac Critical care Nursing and OR Nursing..

A short course on “Peritoneal Dialysis” was conducted for the first time . This course is endorsed by the International Society of Nephrology (ISN).

A MOU was signed with Yonsei University, South Korea for training fellowships, collaborative research, Faculty and student exchange programme. The college is working on collaborating research projects.

# Research Office Activities

The Research office conducts a number of activities for researchers in our organization. One of the important activities is to conduct the Institutional Review Board (IRB) meetings that helps researchers to produce good quality research work. Each research study is reviewed by external and internal members of the IRB committee and the researcher is allowed to carry out research only after obtaining approval from the IRB.

The IRB members meet twice every month for Blue IRB (PG studies) and Silver IRB (Faculty studies and Clinical Trials). During the period of April 2019 to March 2020, a total of 830 research proposals were reviewed by the IRB.

The research office also provides research grants for the researchers to conduct their research. This grant consists of an amount of up to Rs 1.5 lakhs per year for a total of 2 years [Total of Rs 3 lakhs]. In addition, junior consultants have the opportunity to apply for a major research grant [Total of Rs 4 lakhs] once during their period of service.

Other important meetings that occur throughout the year include the Compensation Committee meetings [held monthly], the Data Safety Monitoring Board [DSMB], the Institutional Biosafety Committee meeting (IBSC) and the Patent Committee meeting.

The Research Office conducts the Good Clinical Practice (GCP) workshop [3 – 4 times a year] which is a 3-day workshop for all faculty, PG's and others involved in conducting research. This certification is generally required by a sponsor when a clinical trial is being proposed.

A manuscript writing workshop is held every month to provide support for researchers with the help of Biostatisticians and senior research faculties from CMC to complete the manuscripts that they have been working on.

A workshop on Recertification in Ethics, Research and Good Clinical Practice (GCP) is conducted as a one-day workshop. This workshop is meant for faculty that have already attended the 3-day GCP workshop and need recertification.



The Research office conducts an annual symposium called “Annual Research Day” every year. This year was the tenth year of the symposium a new logo was released to symbolise a decade up and also the founding members of the Annual Research day Dr. Gagandeep Kang and Dr. Nihal Thomas were invited and felicitated. In the Annual Research Day all the researchers in and around Christian Medical College, Vellore come and present their research findings.

The annual research day from 2017 was converted to a 2-day event in view of the large number of proposals that were received. Presentations occurred as both poster and oral presentation in different categories which was increased from 7 to 10 as of this year, and the top three papers in each category were awarded cash prizes and trophies. The Dr. Shubhankar Mitra memorial award is awarded to students who have received top scores in Medical, Allied Health Sciences and Nursing categories.

The research office along with support from the Vellore Foundation provides travel grants to Students as well as unconfirmed faculty to present their research studies in the various conferences held both Nationally and Internationally. A total of 14 grants were provided in the year 2019-2020 [12 for faculty and 2 for students].

Research Grants	Numbers Approved	Value
Internal	438	Rs. 4,80,12,839
External	110	Rs. 1,44,15,87,151



# Medical Academia Directory

## Distance Education Programmes

<b>PGDFM - 1</b>
Post Graduate Diploma in Family Medicine
<b>PGDFM Govt TNHSP / NRHM - 1</b>
<b>DFID - 1</b>
Distance Fellowship in Diabetes Management
<b>CLHTC - 1</b>
Community Lay Leader's Health Training Certificate
<b>PGDG - 1</b>
Post Graduate Diploma in Geriatric Medicine
<b>CGD - 1</b>
Certificate in General Dentistry
<b>PGDMH - 1</b>
Post graduate Diploma in Mental Health

## College of Nursing Courses

<b>Total Number of Undergraduate Courses - 2</b>
General Nursing and Midwifery
B.Sc. Nursing
<b>Total Number of Postgraduate Courses - 2</b>
B.Sc. for Trained Nurses
M.Sc. Nursing
<b>Total Number of Post Diploma Courses - 12</b>
Cardiothoracic Nursing
Critical Care Nursing
Emergency & Trauma Nursing
Neonatal Nursing
Neuro & Neuro Surgical Nursing
Oncology Nursing
OR Technique & Management
Psychiatric Nursing
Orthopaedic & Rehabilitation Nursing
Gerontological Nursing
Burns Nursing
Renal Nursing
<b>Total Number of Fellowships in Nursing Courses - 4</b>
Family Nurse Practice
Haematology Nursing
Respiratory Nursing
Paediatric Critical Care Nursing

## Allied Health Sciences 2019-2020

<b>Undergraduate Courses - 19</b>
B.Sc. Medical Record Science
Bachelor of Occupational Therapy
Bachelor of Physiotherapy
B.Sc. Medical Laboratory Technology
B.Sc. Critical Care Technology
B.Sc. Dialysis Technology
B.Sc. Nuclear Medicine Technology
B.Sc. Radiology & Imaging Technology
B.Sc. Radiotherapy Technology
B.Sc. Medical Sociology
B.Sc. Cardio Pulmonary Perfusion Care Technology
B.Sc. Accident & Emergency Care Technology
Bachelor of Prosthetics & Orthotics
B.Sc. Neuro-Electrophysiology
B.Sc. Operation Theatre & Anaesthesia Technology
B.Sc. Cardiac Technology
Bachelor of Audiology & Speech Language Pathology
B.Sc. Optometry Technology
B.Sc. Respiratory Therapy

<b>P.G. Diploma Courses - 12</b>
Genetics Diagnosis Technology
Assisted Reproductive Technology
Cardiac Technology
Clinical Pastoral Counselling
Cytogenetics
Dietetics
Fellowship Hospital Administration
Health Economics, Policy & Financial Management
Community Health Management
Histopathological Laboratory Technology
Hospital Administration
Medical Microbiology

<b>Diploma Courses - 12</b>
Anaesthesia Technology (CMC)
Anaesthesia Technology (Chittoor)
Hand & Leprosy Physiotherapy Technology
Hospital Equipment Maintenance
M.R.T. (Radiodiagnosis)

Optometry (CMC)
Optometry (Chittoor)
Urology Technology
Dermatology Laboratory Technology
Hospital Sterilization Technology (CMC)
Hospital Sterilization Technology (Chittoor)
Medical Laboratory Technology (Chittoor)

## Medical Courses

<b>Undergraduate Courses</b>
MBBS
<b>Postgraduate Fellowship Courses – 7</b>
Accident & Emergency Medicine
Advanced General Dentistry
Diabetes
Medical Genetics *
Palliative Medicine
Neonatology
Laser Dentistry
<b>Post Doctoral Fellowship Courses – 65</b>
<b>Anaesthesia</b>
Cardiac Anaesthesia*
Neuro Anaesthesia*
Advanced Clinical Anaesthesia and Peri-operative Medicine
<b>Cardiology</b>
Clinical Cardiac Electrophysiology*
<b>Critical Care Medicine</b>
Critical Care Medicine
<b>Dental</b>
Advanced Training in Oral & Maxillofacial Surgery
<b>Dermatology</b>
Paediatric Dermatology
Advanced Medical Dermatology
Dermatosurgery
<b>Endocrinology</b>
Diabetology*
<b>Endocrine Surgery</b>
Endocrine Surgery
<b>ENT</b>
Audio vestibular Diseases *
ENT – Head & Neck – Skull Base Surgery
Implantation Otology*
Paediatric Otorhinolaryngology*
Laryngology and Phonosurgery
Rhinology
<b>Gastrointestinal Sciences</b>

Advanced Gastrointestinal Endoscopy
<b>Haematology</b>
Bone Marrow & Stem Cell Transplantation
Clinical Haematology
Molecular Haematology
<b>Hepatology</b>
Clinical Hepatology
<b>Medicine</b>
Clinical Genetics
Emergency Medicine*
Geriatric Medicine
Microbial Medicine and Infections Control*
Neurocritical Care
<b>Nephrology</b>
Interventional Nephrology
Renal Transplantation
<b>Neurology</b>
Paediatric Neurology
<b>Neurosurgery</b>
Neurosurgery Spine
Paediatric Neurosurgery
Skull Base Neurosurgery
<b>Obstetrics &amp; Gynaecology</b>
Gynaec Oncology*
Reproductive Medicine*
Clinical Embryology
<b>Orthopaedics</b>
Paediatric Orthopaedics*
Short Fellowship in Paediatric Orthopaedics
Spinal Disorders Surgery
Hand & Reconstructive Microsurgery*
<b>Pathology</b>
Cytogenetics*
Laboratory Haematology
Haematopathology
Neuropathology
<b>Paediatrics</b>
Developmental Paediatrics
Paediatric Infectious Diseases
Paediatric Intensive Care
Paediatric Nephrology*
Neonatology
Paediatric Emergency Medicine
<b>Plastic Surgery</b>
Cosmetic Surgery
Cranio-Maxillo-Facial and Microsurgery
<b>Psychiatry</b>

Child & Adolescent Psychiatry
<b>Radiology</b>
Cardiovascular & Thoracic Imaging
Cross Sectional Imaging
Neuro & Vascular Interventional Radiology*
Paediatric Radiology
<b>Respiratory Medicine</b>
Allergy, Asthma & Immunology
Pulmonology
<b>Rheumatology</b>
Advanced Arthritis, Rheumatism & Autoimmunity (formerly known as Clinical Immunology & Rheumatology)
<b>Surgery</b>
Breast Surgery
Colorectal Surgery
Head & Neck including Microvascular Reconstructive Surgery
Upper GI & Bariatric Surgery
Phlebology

\* University courses

<b>Postgraduate Diploma Courses (2 Years) – 11</b>
Diploma In Anaesthesiology (D.A)
Diploma In Child Health (D.C.H)
Diploma In Clinical Pathology (D.C.P)
Diploma In Dermatology, Venereology, Leprosy (D.D.V.L)
Diploma In Otorhinolaryngology (D.L.O)
Diploma In Obstetrics & Gynaecology (D.G.O)
Diploma In Ophthalmology (D.O)
Diploma In Orthopaedics (D.Ortho)
Diploma In Psychological Medicine (D.P.M)
Diploma In Medical Radio Diagnosis (D.M.R.D) *
Diploma In Medical Radiotherapy (D.M.R.T)
<b>Postgraduate Degree (MD / MS Courses) 2 Years (Post Diploma) &amp; 3 Years – 26</b>
Anaesthesiology (2 & 3 Years)
Anatomy (3 Years)
Biochemistry (3 Years)
Community Medicine (3 Years)
Dermatology, Venereology & Leprosy (2 & 3 Years)
General Medicine (3 Years)
Geriatric Medicine (3 Years)
Microbiology (3 Years)
Nuclear Medicine (3 Years)
Physical Medicine & Rehabilitation (3 Years)
Psychiatry (2 & 3 Years)
Pathology (3 Years)
Paediatrics (2 & 3 Years)

Pharmacology (3 Years)
Physiology (3 Years)
Radio Diagnosis (2 & 3 Years)
Radiotherapy (2 & 3 Years)
Respiratory Medicine (3 Years)
Transfusion Medicine (3 Years)
E.N.T (2 & 3 Years)
General Surgery (3 Years)
Obstetrics & Gynaecology (2 & 3 Years)
Orthopaedics (2 & 3 Years)
Ophthalmology (2 & 3 Years)
Family Medicine (3 Years)
Neurosurgery (6 Years - Post M.B.B.S )
<b>Higher Specialty (DM / M.Ch) – 3 &amp; 6 years) – 24</b>
Cardiology (3 Years)
Clinical Haematology (3 Years)
Critical Care
Endocrinology
Gastroenterology (3 Years)
Hepatology
Neonatology
Nephrology (3 Years)
Neurology (3 Years)
Rheumatology
Infectious Diseases
Paediatric Neurology
Pulmonary Medicine
Cardio Vascular Thoracic Surgery (3 Years)
Endocrinesurgery
Hand Surgery
Neurosurgery(3 Years -Post M.S)
Paediatric Surgery (3 Years)
Plastic & Reconstructive Surgery (3 Years)
Urology (3 Years)
Vascular Surgery
Hepato Pancreato Biliary Surgery
Gynaecological Oncology
Reproductive Medicine and Surgery

### M.Sc. Courses ( 2 Years) – 5

Epidemiology
Medical Physics
Biostatistics
Bioengineering
Mph (Master Of Public Health)



# Laurels and Recognition

The Hon'ble President of India, Shri Ram Nath Kovind announced the National Institutional Ranking Framework (NIRF) - India Rankings 2019 on 8th April, 2019 in Vigyan Bhawan, New Delhi. CMC was ranked third.



Dr. Gagandeep Kang, Professor of Wellcome Trust Research Laboratory was elected as a Royal Society Fellow. She was the first Indian woman to receive this honour.

The Superintendent of Police, Vellore District appreciated the services of CMC, Vellore towards rendering assistance during the Lok Sabha Election and Tamil Nadu Legislative Assembly Bye Election on 18th April 2019.



On 1st August 2019, at the meeting organised by the International Society for Endocrinology and South Asian Federation for Endocrine Societies, at Colombo, Sri Lanka, Dr. Nihal Thomas, Professor and Head (Unit-I), Endocrinology was awarded : The Dr. Henry N. Rajaratnam Oration on "Forays in to the Pathogenesis and Differential Diagnosis of Young Onset Diabetes in India - Insights from Vellore".

Dr. M.J. Paul, Professor, Department of Endocrine

Surgery, was 'Elected as the President of the Indian Association of Endocrine Surgeons for the term 2020-2021 at the 20th Annual Conference held at Indore on 27th September, 2019.

As an encouragement for students to become a 'Regular Repeat Voluntary Blood

Donor', a special award was created for those individuals who have donated blood the most number of times during their UG course. This award was given during the College Day to,

Dr. Basalel Benny Mathew, Dr. Beaula P, Dr.Nicky Mathew and Dr. Vrinda Shenoy (Batch of 2014).



Dr. Beena Koshy, Professor and Head, Developmental Paediatric Unit delivered the Fourth Air Vice-Marshal B Krishnaswamy Memorial Oration, on the topic, "Reduction in Disability and Beyond", during the 6th International Conference at Madhuram Narayanan Centre for Exceptional Children, Chennai on 7th November 2019.

The Department of Gynaecological Oncology was approved as a ESGO training centre for Gynaecologic Oncology. Each year, one of the MCh candidates will be selected by the department for ESGO certification.

Dr. Priya Abraham, Professor, Department of Clinical Virology was appointed as Director, National Institute of Virology (GOI), Pune with effect from 18th November, 2019.

At the Team Excellence Awards for Continual Quality Improvement, 'QualTech' Awards-2019

organised by Qimpro Foundations on 8th November at Mumbai, the quality improvement project with the CSSD team headed by Sister Florence Ponnice reached the finalist position. The Best Presenter award was given to Dr. Lallu Joseph, Quality Manager.

Professor Dr. Mathew J. Chandy, former Head, Department of Neurological Sciences was awarded the "Lifetime Achievement Award". The International Neurosurgery Conference in Oman also honoured him for his Landmark Contribution in the Development of Neurosurgery in Oman. The Department of Neurosurgery in Oman, formally started in the year 1988 with his appointment as the First Head of the Department.

Dr. M.K. Lalitha, former Head of Microbiology, Christian Medical College, Vellore was awarded the "IAMM Life Time Achievement Award" at the IAMM MICROCON held in Mumbai from 27th November to 1st December, 2019.

Dr. D.J. Christopher, Professor and Head, Pulmonary Medicine was elected as the "President" of Indian Chest Society in the recently concluded National Congress of Pulmonology, "Napcon 2019" held at Kochi. Indian Chest Society is the Principal Respiratory Society of the country with a life membership of over 4000. Dr. Christopher is the second President from the State of Tamil Nadu in its nearly 40 years of existence.

Late Professor B.K. Bachhawat, India's first trained Neurochemist, joined the Department of Neurological Sciences in 1958, and developed one of the finest and highly rated Neurochemistry laboratories in both India and the World. For his outstanding scientific contributions, especially in the field of enzymology, Dr. Bachhawat received several honours and awards, including the Shanthi Swaroop Bhatnagar Award in 1964. An annual International Scientific Travel Grant of Rs.1,00,000/- has been instituted by his friends and students and is administered by the Christian Medical College to encourage young scientists. Dr. Mahak Sharma, Associate Professor, Department of Biological Sciences, Indian Institute of Science Education and Research, Mohali and Dr. Kavita Babu, Associate Professor, Centre for Neuroscience, IISc, Bangalore has been selected for the Prof. B.K. Bachhawat International Travel Grant for Young Scientists for the year 2020.

The Physiotherapy Unit of the Department of PMR was recognised as an international clinical placement partner by the following universities.

- » The University of Rhode Island, USA
- » The University of Melbourne, Australia
- » The University of New England, USA.

The Department of General Pathology was designated as a regional hub for the DHR-ICMR Advance Molecular Oncology Diagnostic Service (DIAMOnDS) project by the Department Health Research, Ministry of Health and Family Welfare, Government of India.

The Indian Perioperative Nurses Association (IPNA), which was formed on November 18, 2018 was officially registered on December 11, 2019

The Department of ENT was chosen as one of the centers for the "Multicentric Clinical Trial of Indian Cochlear Implant system" developed by Society of Biomedical Technology (SBMT) (SRAVAN).

Appreciation Certificate of "I CARE FOR CARE" was presented to the Medical Genetics Department by Organisation of Rare Diseases in India (ORDI) on the occasion of Rare disease day celebrated on 28th February, 2020.

The National Institutional Ranking Framework (NIRF) has ranked CMC, Vellore as the third best Indian Medical College in the 2020 ranking.

CMC, Vellore ranked second among the best medical colleges by India Today.



Name of Medical College	Location	NIRF Rank 2020	NIRF Rank 2019
All India Institute of Medical Sciences	New Delhi, Delhi	1	1
Post Graduate Institute of Medical Education and Research	Chandigarh, Chandigarh	2	2
Christian Medical College	Vellore, Tamil Nadu	3	3
National Institute of Mental Health & Neuro Sciences	Bangalore, Karnataka	4	-
Sanjay Gandhi Postgraduate Institute of Medical Sciences	Lucknow, Uttar Pradesh	5	4
Banaras Hindu University	Varanasi, Uttar Pradesh	6	5



# Events



National Workshop on "Visualising Library Services in 2030"



College Annual Sports Day



Renovations and expansions at CHAD



Dr. Ida S. Scudder Humanitarian Oration, 2019: "Let us at least nurture kindness", Harsh Mander

April 12 & 13	Department of Radiology conducted the First Annual Conference of the Society of Chest Imaging and Interventions (SCII)
April 27	National Workshop on "Visualising Library Services in 2030"
April 30	College Annual Sports Day
May 01	Dedication of The CMC Day Care Pharmacy at the CMC Diagnostic and Day Care Centre at Vallalar, Sathuvachari.
May 4	Renovations and expansions of ward at CHAD
July 01	Dedication of the Dental Laser Clinic
July 9	Inauguration of the CONCH Kannigapuram Outreach Clinic Inauguration of sanitary complex at Panchayat Union Middle School, Kilminnal
July 18	Creating social awareness among schoolchildren by the Medical Nursing Team and the Department of Medicine Unit -V
July 18 & 19	The Quality Management Cell along with CMAI conducted a training programme for mission hospitals on NABH Entry Level Certification
August 9	Dr. Ida S. Scudder Humanitarian Oration, 2019, delivered by Harsh Mander New and Expanded Community Eye Clinic dedicated at RUHSA CMC Awarded the India Research Excellence Award
August 10	Dedication of the Basketball Court at the College Campus.
August 16	Dedication of the West Block -1 <sup>st</sup> and 2 <sup>nd</sup> floors, (old Prince Manor Building) on 16 <sup>th</sup> August 2019



# Events

August 30	Dedication of the CCM (Cobas Connection Module), in the Department of Clinical Biochemistry
Sept. 14	Green initiatives in the CMC Vellore, Chittoor Campus
October 18 & 19	First workshop on “Quality Control in Clinical Biochemistry”
October 29	Dedication of the ATM facility at the KPTR Campus Dedication of the Radiology Suite at the Chittoor
November 4	Graduation Ceremony for Postgraduates
November 27	The CMC Vellore, Chittoor Campus achieves yet another milestone by inaugurating a new nursing education programme
November 28	11 <sup>th</sup> Professor Benjamin M. Pulimood Oration
December 16	Twelfth Fieldhouse – Myers Oration
January 8	Dedication of New Facilities at Schell Eye Hospital
January 18	1 <sup>st</sup> CME on ‘Emergencies in ENT’
January 31	Dedication of the Housing Quarters at the CMC Vellore Chittoor Campus
February 03 & 04	First International Symposium on Bone Marrow Failure Disorders (IBMFS 2020) Plasma Exchange to Tackle Liver Disease
March 1 to 5	Prokar Dasgupta, Editor-In-Chief, British Journal of Urology International and Chairman of the Institute of Robotic Surgery at King’s College, London visited the Department of Urology as its first Visiting Professor from 1 <sup>st</sup> to 5 <sup>th</sup> March, 2020.
March 12	Kannigapuram Campus Dedicates Its Residential Campus



*Social awareness among school children*



*11th Professor Benjamin M. Pulimood Oration*



*Nursing Students, The CMC Vellore, Chittoor Campus*



*Twelfth Fieldhouse – Myers Oration*



*Big Bungalow, College Campus, Bagayam*



## Chittoor Campus

Around 400 saplings were planted during the Tree Planting Campaign in CMC Vellore Chittoor Campus. The Andhra Pradesh forest department located in Chittoor has donated several species of tree saplings. 6,000 saplings were planted through the entire expanse of the 550 acre campus. In addition, harvesting has commenced on the two acre organic farm project, where several vegetables are being grown.

On the world environment day, the environmental engineering department of CMC, took it upon themselves to plant 60 saplings across the college campus and Kagithapattarai Campus (KPTR). The newly developed KPTR campus has also been working towards campus greening and is now a home to many flora and fauna. Though nothing can replace burnt and cut down forests across the world, campus greening is a highly crucial aspect of saving our environment.



*KPTR Campus*



*Chittoor Campus*



*Chittoor Campus*



*KPTR Campus*



# Support Services

## Dietetics

Number of Inpatient diets served	1,32,370
Number of Patients seen in outpatient department	28,185

## Cetral Sterile Services Department (CSSD)

Number of items sterilized	61,60,724
Articles supplied to OPD	7,91,863
On daily average packs	16,878

CSSD was awarded 'Certificate of Area for excellence' by the External NABH team during the surveillance assessment.

## CHIPS

### Centralised Hospital Information Processing Systems

CHIPS is responsible for the fully integrated Hospital Information System (HIS) for the Main Hospital and peripheral centres. This covers the patient registration and appointment system, admission-discharge-transfer (ADT) process, Outpatient and Inpatient billing, Company & Insurance billing and Reimbursement procedures, and is integrated with MRD, Laboratories, Pharmacy Department, Operation Theatre, Anaesthesia Department, Dietary and Laundry.

It includes the Clinical Workstation that is an interface by which doctors can view and use patient data.

#### Before 2003

- » Pharmacy stores, office and direct orders
- » Drug dispensing module

#### 2003

- » Study of the various modules for HIS
- » Started development of various modules
- » Discharge summary and medical reports

#### Jan 2004

- » Implementation of the ADT module

- » Subsequent integration with the Clinical work station
- » Planning for subsequent modules
- » Staff and dependent module

#### Jan 2004

- » Implementation of the appointments scheduling, investigation payments
- » Integration with the clinical work station
- » Online lab modules
- » Result view for the doctors at one click
- » July-Aug 2004
- » Medical records and chart tracking
- » OR posting, theatre billing
- » Anaesthesia

#### Oct 2004

- » Inpatient billing, integration with the clinical work station and other lab modules
- » ICD coding
- » Drug history and medication

#### 2005

- » Online lab ordering
- » Online prescriptions
- » Credit authorisation for cashless transactions and reimbursement for patients
- » Automation of online ward and ICU charging

#### 2006

- » Extension to the peripherals
- » Implementation of the CHRIS card
- » Centralised machine scheduling
- » Payment through various portals like (web, kiosk)

#### 2007 onwards

- » Integration with finance
- » Paperless blood collection area
- » Emergency module
- » EMR with unit based performance
- » SMS alerts

## Electrical Engineering

### Maintains

- » 33KV HT Service: 1 No
- » 11KV HT Services: 12 Nos
- » 415V LT Services: 54 Nos
- » Lifts : 81 Nos
- » Generators (Hospital Campus) HT Gen sets 6250 KVA: 5 Nos
- » LT Gen sets 7030KVA: 20 Nos
- » Solar panels (Total installed capacity) 214 KWp
- » Transformers (In all Campuses):29 Nos
  - 1000 KVA of centralised UPSs and a large number of individual UPSs
  - 33 KV and 11KV substations and associated switch gears.
  - The department records the energy consumption of all the resident accommodations within all the Campuses, various departments of CMC and various commercial establishments functioning within the CMC Campuses. The various types of consumers are billed according to the tariff applicable, monthly or bimonthly.
  - The department maintains the networks for TANGEDCO supply, generator supply and central UPS supply and the various components & switch gears associated with it.
  - The repair and replacement of lights, fans, hotplates/ induction stove, exhaust fans, extension boards and switch boards are done in the department. The rewinding of fans and motors are also organised.

## Biomedical Engineering

Biomedical Engineering Department (BME) is responsible for the planning, installation, calibration, testing and maintenance of medical electronic equipment. BME also maintains Pneumatic Chute System in the main campus. The following are the statistics of the various work carried out by Biomedical Engineering Department in the year 2019 – 2020.

## Environmental Engineering

- » 21 Lakh litres of drinking water was provided

- per day to the CMC town campus
- » 2.35 lakh litres per day to the Kagithapattarai campus
- » 47,000 litres per day to the Schell campus

## Mechanical Engineering

The Mechanical Engineering Department looks after the maintenance of the hospital equipment at the main hospital and the peripheral units.

The following 8 sections are involved in the overall maintenance by the mechanical department:

- » Medical gases section (MLG)
- » Boiler, solar and hear recovery section (BSH)
- » Lab water treatment (LWT)
- » OR table, ward furniture and surgical instruments section (OTF)
- » OR dome light, electronics, and instrumentation section (ODE)
- » Autoclave and gas sterilization section (AGS)
- » Laundry and LPG section (LLP)
- » Dietary and mechanical engineering projects (DPJ)

## Engineering - Civil

Number of major projects	22
Number of minor projects	42
Overall value	Rs.6,50,76,038.00

## Transport

Total kilometers covered by CMC vehicles during the year 2019 – 2020 5,40,493 kms. 16,910 kms more while comparing to the last year.

Transport Department Statistics at a glance per day...

Average Kilometres run by CMC Vehicles per day	1505 Kms
Average No. of trips taken by CMC Vehicles per day	144 trips
Average No. of Taxi trips per day	30 Trips
Average number of requests processed per day	30 Requests

## Laundry

Pieces of linen handled per year	58,48,960
Average per day	15,985

## Postal

Numbers of articles despatched	64,130
Number of Parcels of Parcels sent	1,389

## Hospital Maintenance

Hospital Maintenance Department works under the General Superintendent and is located below M-Ward, near the exit gate. This department takes care of the external general cleaning of the hospital and the residential area within.

### The Hospital Maintenance is involved in the following activities:

Keeps the hospital Main Block, O-Block and Q-Block clean by regular cleaning of public pathways, corridors, staircases, verandas, sunshades, staff two-wheeler parking, ISSC building four wheeler parking and surroundings of the residential areas.

- » Cleans the bathroom in main block offices and OR public toilets.
- » Collecting infectious and non infectious waste from wards and ICU's.
- » Collecting glass bottles, vials and plastic bottles from wards and ICU's.
- » Clearing dustbins from open areas in the Main Block, O-Block and Q-Block.
- » Coordinating with Pest Control India (PVT ltd) for insects eradication Services inside the hospital premises.
- » Keeping the gardens clean and manicured.
- » Garbage Collection: The collected domestic waste and bio medical waste is transported through trolleys by personnel in full PPE to the Temporary Storage Area behind Williams building. A trained technician from CSSD, autoclaves the highly infectious medical waste and sample covers from wards, ICU's and labs.

The maintenance department coordinates with Exnora staff and Malargal Magalir Fedration self help group to clear the domestic waste and cardboard waste material twice a day from Dietary, MIQ, X-Block, ABC, new PG block, Annadagiri,

Shanathi Illam, Fitch Hostel, Hospital Annexes, student nurses hostel, staff nurses hostel and other residential areas.

The green and brown bags are removed by Malargal Magalir Federation (EXNORA) from the Hospital Campus four times a day as per the schedule and transported to the solid waste management yard at Bagayam.

The Bio medical infectious wastes are removed by Ken Bio-links (approved by Tamil Nadu Pollution Control Board) four times a day and processed in their facility at Kandipedu.

### Insect Control

In collaboration with Rentokil PCI, the hospital maintenance provides pest control service to hospital and residential area. The service starts from house flies, cockroach, rats, mice, bandicoots, mosquitoes, bed bugs, ants, silver fish, crawling insects and bee-hives etc.

## College Maintenance

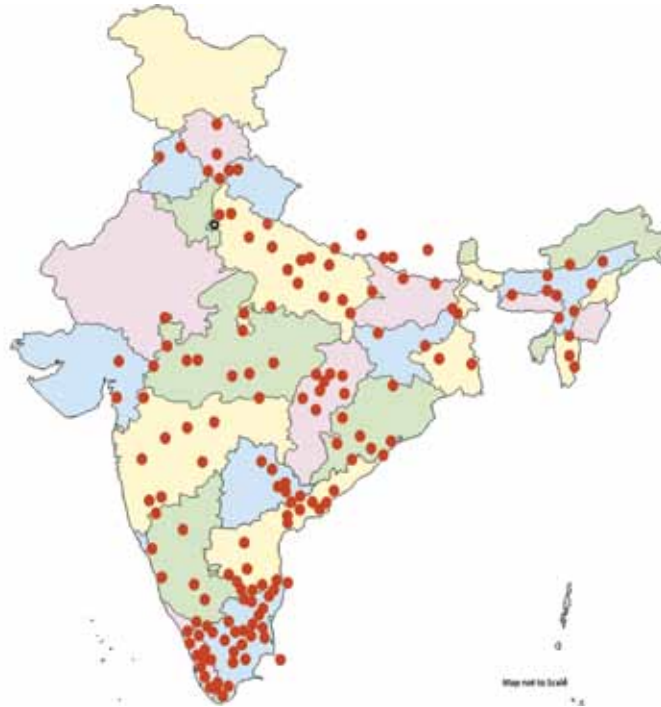
The College Maintenance department located in the College Campus, Bagayam takes care of maintenance of civil, electrical and plumbing works in the Campus.

### Functions

- » Provides un-interrupted power supply and water supply to the campus buildings
- » Rectifying the daily complaints of departments, hostels, guest houses and peripheral units (CHAD, MHC & Rehab) at College Campus.
- » The department looks after all the maintenance works of the 402 houses and buildings in the college campus as well as the maintenance of the buildings and houses in Adukkambarai and Kaniyambadi campuses.
- » Arrangements for all institutional functions like graduation days, council meetings, hostel days, seminars and conferences in the college campus.
- » Supports the solid waste management centre.
- » Keeps a log of the furniture inventory of the houses maintenance of transformers and generators
- » Cleaning of water tanks, terrace cleaning



# Members of the CMC Council, India



Andhra Evangelical Lutheran Church  
Arcot Lutheran Church  
Assemblies of God in North India Baptist Church  
of Mizoram  
Chaldean Syrian Church of the East  
Christian Assemblies in India  
Christian Services Society of Bengal, Orissa & Bihar  
CNI Nagpur Diocese  
CNI Synod- The Synodical Board of Health  
Services  
CSI Coimbatore Diocese  
CSI Dornakal Diocese  
CSI Kanyakumari Diocese  
CSI Karimnagar Diocese  
CSI Karnataka Diocese - Interdiocesan Medical  
Board  
CSI Krishna- Godavari Diocese  
CSI Madras Diocese  
CSI Madhya Kerala Diocese  
CSI Madurai-Ramnad Diocese  
CSI Medak Diocese  
CSI North Kerala Diocese  
CSI Rayalaseema Diocese  
CSI South Kerala Diocese  
CSI Tiruchy- Tanjore Diocese  
CSI Tirunelveli Diocese  
CSI Vellore Diocese  
Council of Baptist Churches in North East India  
Council of Christian Hospitals

Eastern Regional Board of Health Services  
Emmanuel Hospital Association  
Evangelical Lutheran Church in Madhya Pradesh  
Gossner Evangelical Lutheran Church  
India Evangelical Lutheran Church  
Inter Ashram Fellowship  
Jeypore Evangelical Lutheran Church  
Khasi Jaintia Presbyterian Assembly  
Kolhapur Church Council  
Malankara Jacobite Syrian Orthodox Church  
Malankara Orthodox Syrian Church Catholicate of  
the East  
Marathi Mission  
Marthoma Syrian Church of Malabar  
Mennonite Medical Board of the Mennonite  
Church in India  
Methodist Church in India  
Mizo Presbyterian Church Synod  
North Bank Baptist Christian Association  
Poona Christian Medical Association  
The Salvation Army- India South Eastern Territory  
The Salvation Army- India South Western  
Territory  
The Salvation Army- India Western Territory  
Samavesam of Telugu Baptist Churches  
Southern Asia Division of Seventh Day Adventists  
Tamil Evangelical Lutheran Church  
Uttar Pradesh Regional Board of Health Services  
The Leprosy Mission

# Overseas Friends and Benefactors

## Australia

Australian Board of Vellore Christian Medical College

## Canada

Canadian Baptist Overseas Mission Board (CBOMB)  
Vellore Ludhiana Committee of Canada

## Germany

Christoffel Blinden Mission  
Christian Mission Service  
Friends of Vellore, Germany

## Nepal

United Mission to Nepal

## Singapore

South East Asia Union Mission of Seventh Day Adventists

## Sri Lanka

C.S.I. Jaffna Diocese

## Sweden

Friends of Vellore, Sweden

## United Kingdom

Baptist Missionary Society World Mission  
Church Mission Society  
Council for World Mission  
Friends of Vellore, United Kingdom  
International Service Fellowship (Interserve)  
Methodist Church Overseas Division  
United Society for the Propagation of the Gospel

## United States of America

American Leprosy Mission  
Board of International Ministerial Ministries of the American Baptist Foreign Mission Society  
Evangelical Lutheran Church in America  
General Conference of Seventh Day Adventists  
International Mission Board, Southern Baptist Convention  
Reformed Church in America  
Service Association of the Christian Church  
United Church Board for World Ministries  
United Methodist Church of America  
Vellore Christian Medical College Foundation Inc  
United Methodist Church of America  
Vellore Christian Medical College Foundation Inc.



*Abraham George, CMC Alumnus, is set to run the London Marathon 2020, in aid of FOV UK Project at CMC's Low Cost Effective Care Unit.*

# Know your Administrators

## Christian Medical College Vellore Association

OFFICERS OF THE ASSOCIATION		
Chairman	Treasurer	Mrs. Shandрила Gnanatheebam R
Mr. Barkos Warjri	Mr. Abraham Oommen	Medical Superintendent
Vice Chairman	Associate Treasurer	Dr. K Prasad Mathews
Dr. John Cherian Oommen	Mr. S. Denzil Ranjitsingh	Associate Medical Superintendents
Secretary	Principal	Dr. M J Paul
Dr. Solomon Sathishkumar	Dr. Anna B. Pulimood	Deputy Medical Superintendents
Treasurer	Vice Principals	Dr. Gahukamble Abhay Deodas
Mr. Abraham Oommen	Dr. Simon Pradeep Pavamani	Dr. Rajesh I
<b>CHRISTIAN MEDICAL COLLEGE, VELLORE</b>	Dr. Sushil Mathew John	Dr. Henry Prakash M
Administration	Dr. Vinay Timothy Oommen	Dr. Mona Matilda Basker
Director	Dr. Joy Sarojini Michael	Dr. Paul Prabhakar Abhilash
Dr. J.V. Peter	Additional Vice Principal	Dr. Aby Abraham
Associate Directors	Dr. Suceena Alexander	Nursing Superintendent
Dr. Deepak Thomas Abraham	Academic Officer	Dr. Premila Lee
Dr. Nihal Thomas	Dr. John Roshan Jacob	Deputy Nursing Superintendents
Dr. Vikram Mathews	Registrar (Medical)	Dr. Bala Seetharaman
Dr. K. Anil Kuruvilla	Dr. Elizabeth Tharion	Mrs. Ilavarasi Jesudoss
Dr. Chandrasingh J	Deputy Registrar (Medical)	Additional Deputy Nursing Superintendents
Dr. Thomas Samuel Ram	Dr. Anu Mary Oommen	Mrs. Nirmala Margaret P
Dr. Joy John Mammen	Dr. Lekha Mary Abraham	Mrs. Dorothy Devakirubai
Deputy Directors	Dean, College of Nursing	Mrs. Shalini Chandran
Dr. Mark Ranjan Jesudason	Dr. Vathsala Sadan	General Superintendent
Dr. Santosh Varughese	Deputy Dean	Er. David Chandran
Dr. Winsley Rose	Mrs. Alice Sony	Associate General Superintendents
Dr. Sudha Jasmine S	Additional Deputy Deans	Mr. S. Sukumar Solomon
Dr. Vaibhav Londhe	Mrs. Margaret Manoharan	Mr. Reni Charles
Mrs. Ebenezer Ellen Benjamin	Mrs. Ida Anitha Nagomy R	Mr. Anand John Samuel G
Dr. Sowmya Sathyendra	Mrs. Sophia Lawrence D	Associate General Superintendent (Ag)
Dr. Selvamani B	Mrs Reena Rachel George	Dr. Lallu Joseph, Manager
Dr. Vinu Moses	Registrar (Nursing)	Deputy General Superintendent
Dr. Binila Chacko	Mrs. Helen Sujatha Charles	Mrs. Anniamma Jacob
	Deputy Registrars (Nursing)	
	Mrs. Sheeba Rani P	



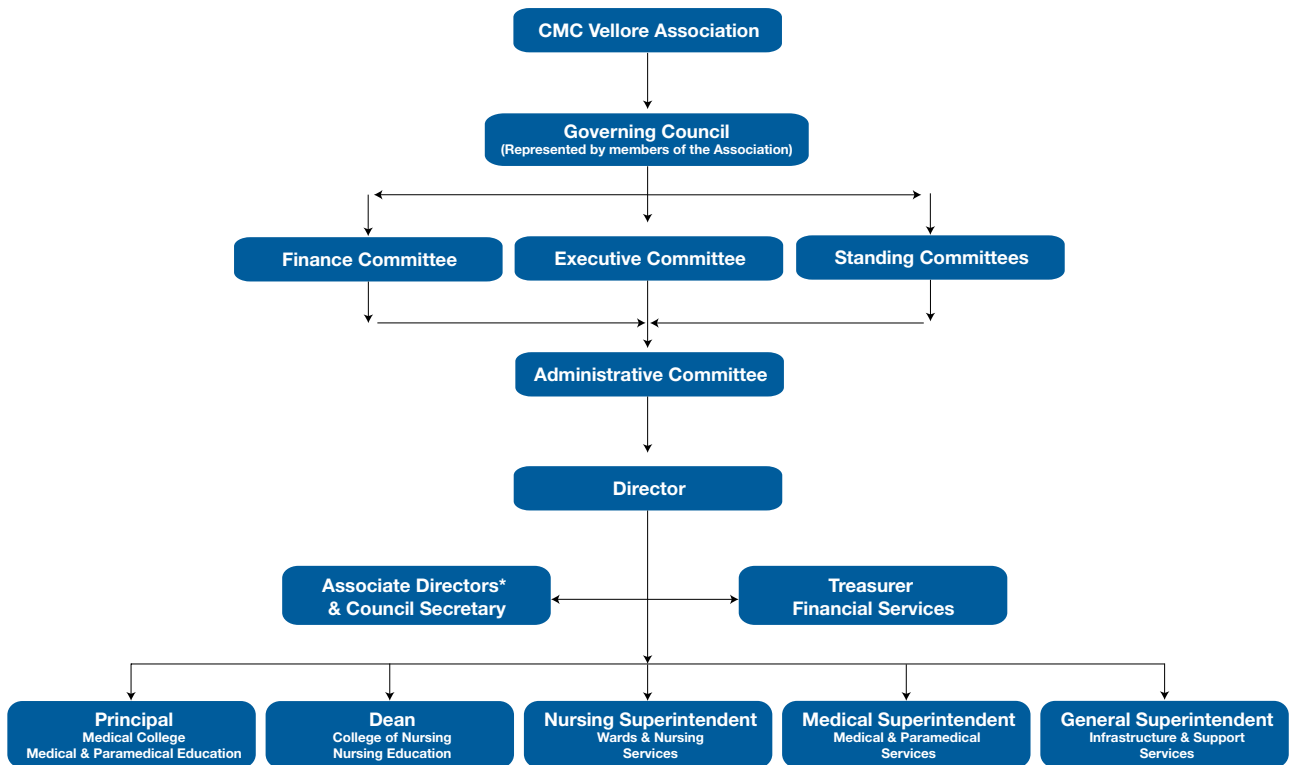
## Roster Of Heads Of Departments And Units

Department / Unit	Head
Accounts	Mr. Abraham Oommen
Anaesthesia -I	Dr. Tony Thomson Chandy
Anaesthesia -II	Dr. Sajan Philip George
Anaesthesia -III Neuro	Dr. Georgene Singh
Anaesthesia -IV	Dr. Raj S.*
Anaesthesia -V	Dr. Ekta Rai
Anatomy	Dr. Suganthy J
Archives	Dr. Reena Mary George
Biochemistry College	Dr. Molly Jacob
Bioengineering	Dr. Suresh Devasahayam R.
Bioethics	Dr. Anuradha Grace Sophia
Biostatistics	Dr. Antonisamy B.
Cardio Thoracic Surgery-I	Dr. Birla Roy D.Gnanamuthu
Cardio Thoracic Surgery II	Dr. Korah T Kuruvilla
Cardio Thoracic Surgery III	Dr. Roy Thankachen*
Cardiology I	Dr. Viji Samuel Thomson
Cardiology II	Dr. Paul V. George
Cardiology III	Dr. Oommen K George*
Cardiology IV	Dr. John Roshan Jacob
Critical Care Unit	Dr. Subramani K
Centre for Stem Cell Research	Dr. Alok Srivastava
Chaplaincy	Rev. Dr. T. Arul Dhas
CHIPS	Mr. Ebinezer Sundarraj
Chittoor Campus	Dr. Nihal Jacob Thomas
Clinical Biochemistry	Dr. Pamela Christudoss
Clinical Epidemiology	Dr. Abraham Peedicayil
Clinical Gastroenterology and Hepatology	Dr. Eapen C. E.
Clinical Genetics	Dr. Sumita Danda
Clinical Haematology	Dr. Biju George
Clinical Pharmacology and Pharmacology (college)	Dr. Binu Susan Mathew
Clinical Virology	Dr. Rajesh K.
Community Health Nursing	Dr. Vathsala Sadan
Community Health Department	Dr. Vinod Joseph Abraham
C.S.S.D	Mrs. Florence Ponnice R.
Cytogenetics	Dr. Mary Purna Chacko
Dental & Oral Surgery	Dr. Jagadish Ebenezer*
Dental I	Dr. Rabin K Chacko
Dental II	Dr. Soumya S.V.
Dermatology	Dr. Susanne A Pulimood *
Dermatology I	Dr. Dharshini S.

Department / Unit	Head
Dermatology II	Dr. Dincy Peter C.V.
Developmental Paediatrics	Dr. Samuel Philip Oommen
Distance Education Unit	Dr. Rebekha Dass Zechariah
Dietary	Mrs. Manimegalai B.
Emergency Medicine	Dr. Prasad Mathews K.
Endocrinology	Dr. Simon Rajaratnam*
Endocrinology I	Dr. Nihal Jacob Thomas
Endocrinology II	Dr. Thomas V. Paul
Engineering AC and Refrigeration	Mr. S. Sukumar Solomon
Engineering Civil	Mr. Balasubramanian S.
Engineering Electrical	Mr. S. Sukumar Solomon
Engineering Mechanical	Mr. Prasad T.
Engineering Planning	Mr. Jayasankar V.
Engineering Environmental	Mr. Ramakrishnan K.R.
Engineering Electronics	Ms. Indumathi J
ENT I	Dr. Regi Thomas
Head and Neck Surgery Unit I	Dr. Rajiv C Michael*
ENT II	Dr. Ajoy Mathew Varghese*
ENT III	Dr. Regi Kurien
ENT IV	Dr. Anjali Lepcha
ENT V	Dr. Suma Susan Mathews
Family Medicine	Dr. Sunil Abraham
Forensic Medicine	Dr. Mousumi Sen
G. I. Sciences	Dr. Eapen C. E.*
Medical Gastroenterology Unit-I	Dr. Ebby George Simon
Medical Gastroenterology Unit-II	Dr. Amit Kumar Dutta
General Pathology	Dr. Geeta Chacko
Geriatrics	Dr. Surekha Viggesswarpu
Gynaecologic Oncology	Dr. Abraham Peedicayil
Hepatology	Dr. Uday George Zachariah
HLRS	Dr. Binu Prathap Thomas
Hospital Management Studies	Dr. Samuel N.J. David
Infectious Diseases	Dr. George M. Varghese
Internal Audit	Mr. Nandakumar T
Library	Dr. Azariah Jebakumar I.
Low Cost Effective Care Unit	Dr. Sunil Abraham
Medical Education	Dr. Margaret Shanthi
Medical Oncology	Dr. Ashish Singh
Medical Records	Dr. Vijaykumar Aruldas
Medical ICU	Dr. Binila Chacko

Medicine I	Dr. Anand Zachariah
Medicine II	Dr. Thambu David Sudarsanam*
Medicine III	Dr. Sowmya Sathyendra
Medicine IV	Dr. Samuel George Hansdak
Medicine V	Dr. Ramya I
Microbiology	Dr. Joy Sarojini Michael
Missions	Dr. Thomas Samuel Ram
Neonatology	Dr. Santhanam Sridhar *
Neonatology I	Dr. Manishkumar
Neonatology II	Dr. Kurien Anil Kuruvilla
Nephrology I	Dr. Vinoi George David
Nephrology II	Dr. Santosh Varughese*
Neurosciences	Dr. Baylis Vivek Joseph*
Neuro Chemistry	Dr. Christhunesa Soundararajan C.
Neuro Medicine	Dr. Vivek Mathew
Neurosurgery I	Dr. Krishna Prabhu R.
Neurosurgery II	Dr. Ranjith K. Moorthy
Neurosurgery III	Dr. Baylis Vivek Joseph
Nuclear Medicine	Dr. Julie Hephzibah
Obstetric and Gynecology 1 New	Dr. Elsy Thomas
Obstetrics and Gynaecology II	Dr. Lilly Varghese
Obstetrics and Gynaecology III	Dr. Anuja Abraham
Obstetrics and Gynaecology IV	Dr. Manisha Madhai Beck
Obstetrics and Gynaecology V	Dr. Jiji Elizabeth Mathew*
Occupational Therapy	Mr. Sanjeev Padankatti
Operation Theatre	Dr. Prasad Mathews K.
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Psychiatry - II	Dr. Deepa Ramaswamy
Psychiatry - III	Dr. Suja Kurian
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Hepato Pancreatico Biliary Surgery	Dr. Ravish Sanghi Raju
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**Dr. Premila Lee**  
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**Dr. K. Prasad Mathews**  
Medical Superintendent



**Mr. David Chandran**  
General Superintendent



**Mr. Abraham Oommen**  
Treasurer





## Partner with CMC





# Invitation to Partner and Support



“We need your love and prayers and help as never before”

With these impassioned words, Ida Scudder summed up a speech that she made in the late 1940s, recorded by the BBC. She was an energetic fundraiser – she needed to be. The hospital and fledgling college had faced challenge after challenge. By the grace of God, working through the tireless efforts and generosity of the staff and a host of supporters in India, the USA and other countries, the Christian Medical College Vellore survived.

Although CMC today is a huge institution, nothing can be taken for granted. Once again, CMC is battling enormous and threatening challenges. Though we constantly look to God for his provision, at the same time, like Aunt Ida, we are not shy of making our needs known.

In order to keep the charges to our patients to a minimum, we look for donations and external funding under three main categories.

- » Health and healing which includes patient support and community outreach
- » Education and Research which include student scholarships and subsidy and research
- » Infrastructure and equipments which include those in Kannigapuram, Chittoor and other peripheral campuses

These three broad categories house the following projects and charity schemes

## New Challenges Posed by the Pandemic

The new Kannigapuram campus is the most ambitious development project in CMC's history. The total expenditure will be around Rs. 1,200 Crores (US\$ 164.5 Millions). About two thirds of this is being financed by bank loans, and the remainder from donations, Corporate Social Responsibility (CSR), grants and reserves. When CMC embarked on this,

the cash flow forecast was vast but achievable. Provision had also been made for the conversion of the old Student Nurses Hostel into a new in-patient care block and for developments needed in the growing Chittoor Campus.

However, the COVID-19 pandemic upset all these careful planning. With the announcement of Lockdown, in March 2020, progress on the various projects slowed down. Meanwhile our patient flow plummeted, since people weren't able to reach the hospital. The income of the hospital was vastly reduced, but expenditure on salaries and most running costs continued as usual. Further there was an urgent need to create and equip new ICU beds and to segregate COVID and non-COVID patients. In order to protect healthcare workers, several crores of rupees every month were spent on Personal Protective Equipment (PPE). Despite keeping our COVID treatment costs within the government guidelines, in great many cases CMC had to subsidise the treatment costs for patients admitted in the isolation wards and ICUs.

**Can you help us with a donation for any of the following needs?**



1. Infrastructure and Equipment to provide and equip the following new beds:

- Fully equipped General ward beds Rs 7 lakhs
- Critical Care unit bed (level 2 including equipment and ventilators) Rs. 24 Lakhs

2. Personal Protective Equipment for the frontline staff (e.g. surgical face masks, gloves, aprons etc.) which are in great demand and prices have gone up. PPE cost Rs.3.2 crores per month.

3. Covid patient support. Subsidise the cost of testing and treatment for a patient who can't afford it:

- Moderately sick for average 7 day stay (not ventilated) Rs. 30,000/patient
- Severely ill patient, needing ventilation, 7 day stay Rs 1.5 lakhs/patient

We are turning to our friends and supporters, to organisations and to the general public for help in this crisis situation.

**We need your help ... as never before.**

## Finishing the Kannigapuram Hospital

The new campus has made tremendous growth this year. The staff housing complex has been dedicated. Part of the hospital is now open and in

use as a COVID Healthcare Facility. The end is in sight, but funds are needed. **You can donate any amount, or select a specific item:**

Trauma Care needs	Cost in Rs.
Golden Hour for one patient	Up to 1.5 Lakhs
Care of a critically injured patient (operations and ICU)	2-5 Lakhs
General bed cot	40,000
ICU cot – Mid range	50,000
ICU cot – High range	1,00,000
One general ward bed (including equipment & infrastructure)	10 Lakhs
Out-patient consultation room	11Lakhs
Private room / semi-private trauma bed	17 Lakhs
Digital x-ray unit	1 crore
Full general ward pod of 14 beds	1.25 crores
Trauma operation theatre	1.5 crores
Full general ward pod of 14 beds	1.25 crores
Trauma operation theatre	1.5 crores

## Undergraduate Education

CMC subsidises the cost of student education. Our fees are probably the lowest for any private medical college in India or the world. This means that our graduates can go to serve wherever they are most





needed, without the burden of an educational loan. To maintain this subsidy, we are appealing for gifts of any size. Every donation will help us to continue to offer our students a world-class education at nominal fees.

**Can you help sponsor a student for Rs.10,000 per month?**

## CMC2020 – for free hospital care

In 1922, Dr. Ida Scudder had to raise funds to start the Union Missionary Medical School for Women at Vellore (now called Christian Medical College). In December that year, the 'Dollar Day' campaign was launched by her team. The appeal was to give 1 dollar to CMC. Thousands of students, housewives and many others responded to the appeal and they raised half the target. The rest was given generously by an eighty-year-old lady, Miss. Ellen Scripps, and the Rockefeller Foundation.

This year, CMC celebrates 120 years of service. The #CMC2020 campaign asks everyone to contribute Rs. 200 (or multiples of Rs. 200) towards the care of needy patients. In memory of Dr. Ida's legacy, we aim to raise Rs. 2 crore to support our deserving

patients. Be a part of #CMC2020 today!

*The hospital free bed scheme allows departments to admit deserving patients on a fully free or half free basis. Bed, nursing, medical costs and even their food will be taken care of. Medicines and operations may also be covered. CMC2020 will generate much needed funds for this scheme.*

## Patient Care

As pressure on our finances increases, we are determined to continue to offer the very best healthcare at a price our patients can afford. We don't want to turn anyone away for financial reasons.

- » Give Rs.10,000 to the Person to Person (PTP) Fund, and CMC will add another Rs.40,000 to your gift to pay for the hospital stay and treatment of a destitute patient.
- » Give Rs.20,000 for a Golden Hour grant, to help provide emergency life-saving care for an accident victim.
- » Give Rs.50,000, or any amount, to the Emergency fund. We make grants of up to Rs.1 lakh to save lives of patients through ensuring that treatment can be started immediately without the delays that may be needed to secure other funding.

45 year-old Mrs. S.B. has ovarian cancer. Her husband is unemployed and so they normally rely on her income of Rs.2,000 to 3,000 per month as a canteen helper. But since lockdown she has had no work and no wages. She has already had one operation, now she needs chemotherapy, which will cost Rs.3 lakhs or more. In this distressing situation the doctors in the Department of Gynaecologic Oncology appealed to the Emergency Fund for help. Within a day we had approved a grant of Rs.90,000, so that treatment could begin immediately. This enabled the family, assisted by the team, to apply for additional funding from other sources that can take a month or more to come through.

## Corporate Social Responsibility Partnerships with CMC

Several large companies and foundations have partnered with us over the last year. We are grateful for the projects they have been involved with and the difference it has made to us. We are urgently seeking further CSR partnerships. The major project areas we can offer are: patient care, hospital infrastructure (construction and equipment), research and community outreach programmes. The latter includes sanitation, education and livelihood projects as well as healthcare.

A Tamil Nadu based engineering company wished to support accident victims through their CSR funds. They donated Rs.10,00,000 to the Golden Hour Fund, which was enough for 50 Golden Hour grants of Rs.20,000 each. They selected meaningful dates, and requested that the grants, if possible, be allocated on those days of the year. Once the Trauma Centre has been opened we will fix a large TV / LCD screen in the patient waiting area. This will display the names of the donors for Golden Hour grants for each calendar day. Since the donation is for Rs.10 lakhs, a permanent plaque will be fixed on the hospital "gratitude wall" thanking the company for their contribution.

## Further information and contact details

The Christian Medical College Vellore Association is a charitable society, registered under the Societies Registration Act, 1860, (no. 5 of 1947). Registered office: Ida Scudder Road, Vellore – 632 004 India. It has permanent exemption under S.80G of the IT Act,

and all donations from Indian taxpayers qualify for income tax relief of up to 50%. We also have exemption under S.35AC(1)(ii) for donations for research purposes. CMC's PAN is AAATC1278N.

Visit our website [www.givecmc.org](http://www.givecmc.org) for further information and details of other ways in which you can get involved and help our patients and students. Please contact Mr. Hugh Skeil at [dev.office@cmcvellore.ac.in](mailto:dev.office@cmcvellore.ac.in) or call us at 0416 228 3509 or mobile 83002 05559 for any clarifications.

You can also contribute by cheque or bank transfer:

Bank	State Bank of India, Vellore Town (1618)
Account Name	CMC Vellore Association – Development Office
Account Number	3033 2718 726 (savings account)
IFS Code/IBAN	SBIN0001618
Bank Phone No.	+91 416 2220770 or +91 416 2221538
Bank Email	sbi.01618@sbi.co.in

**We believe that everyone deserves quality healthcare. Help us bridge the gap for those who can't afford it.**







## Low Cost Effective Care Unit

The Low Cost Effective Care Unit (LCECU) seeks to care for the most deprived urban residents of Vellore City. It provides health care through a 48-bedded hospital, runs family health clinics in five slum areas of Vellore, works with volunteers among the disabled in the community, and conducts home visits and outreach work in these areas. Services are provided free or at a nominal cost.

A generous matching offer by a well-wisher doubles donations to the LCECU. Right now LCECU needs funds to open new outreach clinics, and develop its vision to provide “Care in the Community” to the poorest of the poor—health care, enhancing educational and training opportunities and encouraging and strengthening economic development and sanitation, through dialogue and empowerment of the community.

You Give	CMC Gives
Rs.10,00,000	Rs.20,00,000
Rs.2,00,000	Rs.4,00,000
Rs.1,00,000	Rs.2,00,000
Rs.50,000	Rs.1,00,000
Rs.10,000	Rs.20,000
Any amount	Doubled

## Emergency Fund

People come to CMC, from all over India, only after visiting their local doctors and hospitals. Often by the time they reach Vellore, they need urgent treatment, which may cost far more than they can earn in a whole year.

The Emergency Fund has been set up to help patients get treatment as quickly as possible. This gives grants of up to Rs.1 lakh, to help patients needing ICU care, expensive operations, cancer treatment, costly medicines etc.

Donate Now	
Rs.1,00,000	Rs.10,000
Rs.50,000	Rs.5,000
Rs.20,000	Any amount

## Equipment Need for Child Health

**Help us buy a CRRT Machine for Paediatric ICU.** Common diseases like Dengue fever, Rickettial infection and other severe infections including Sepsis with shock can cause children to go into acute kidney failure. These children need dialysis in the Paediatric ICU. The best way for this to be given, when the child is on ventilator support, is by Continuous Renal Replacement Therapy, but we don't have a machine for this and it costs Rs. 12 lakhs.





Donate Now	
Rs.1,00,000	Rs.10,000
Rs.50,000	Rs.5,000
Rs.20,000	Any amount

## Centenary Endowment Fund

The Centenary Endowment Fund seeks to become a continuing resource to enable major life-saving operations to be performed on those who cannot afford them. CMC waives the doctor’s professional fees, but there are still very high costs in running the operation theatre and in the consumable and prosthetic items needed. Grants of up to Rs 2,00,000 are given to poor patients, out of the interest on the endowment fund. CMC uses the interest earned to pay for expensive operations such as transplants and complex heart surgeries.

152 underprivileged patients requiring surgeries benefited through the Centenary Endowment Fund. Visits to these patients’ homes were made to assess their economic status. The committee met every month to decide on sanctions of the fund. 124 Home visits were made to assess socio-economic background for patients who were eligible for the Centenary Endowment Fund.

**Centenary fund for unexpected treatment related complications.** Emergency Fund can be requested for poor patients in the general wards who have no insurance coverage and who require treatment for unexpected treatment related complications. Maximum allotment for such patients who get into complications is Rs. 1, 00,000/-.

## Person To Person Fund

Every day thousands of people arrive at CMC’s hospitals, in desperate need but unable to pay for their treatment. We do our best to treat them, not wanting to turn anyone away. But to do this we need your help. Often a small gift can make all the difference.

The Person to Person Scheme (PTP) enables each one to help one. The PTP Fund gives grants of up to Rs.10,000 per patient, and CMC then increases this five fold, so that the patient receives up to Rs.50,000 of free treatment. We will send you a report about the patient(s) we have helped through your gift.

You Give	CMC Gives	Total Rs.	Patients
Rs.20,000	Rs.80,000	Rs.1,00,000	2
Rs.10,000	Rs.40,000	Rs.50,000	1
Rs.5,000	Rs.20,000	Rs.25,000	1
Rs.1,000	Rs.4,000	Rs.5,000	1
Any amount	Four times	Five times	

# Friends of Vellore

The Friends of Vellore (FOV) is an overseas association that has espoused the cause of CMC since the late 1940s, by representing the interests of the institution internationally. With its presence across the countries listed below, the role of FOV has been greatly adapted over the decades, in tandem with the dynamic progress of CMC. The projects supported by this fellowship include 'Jawadhi' Tribal Health project, the Person-to-Person Programme Fund, quite a few social projects through RUHSA and LCECU and the Palliative Care.

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<http://www.cmch-vellore.edu/main.asp>  
CMC admissions <http://home.cmcvellore.ac.in/admissions/admin.htm>

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