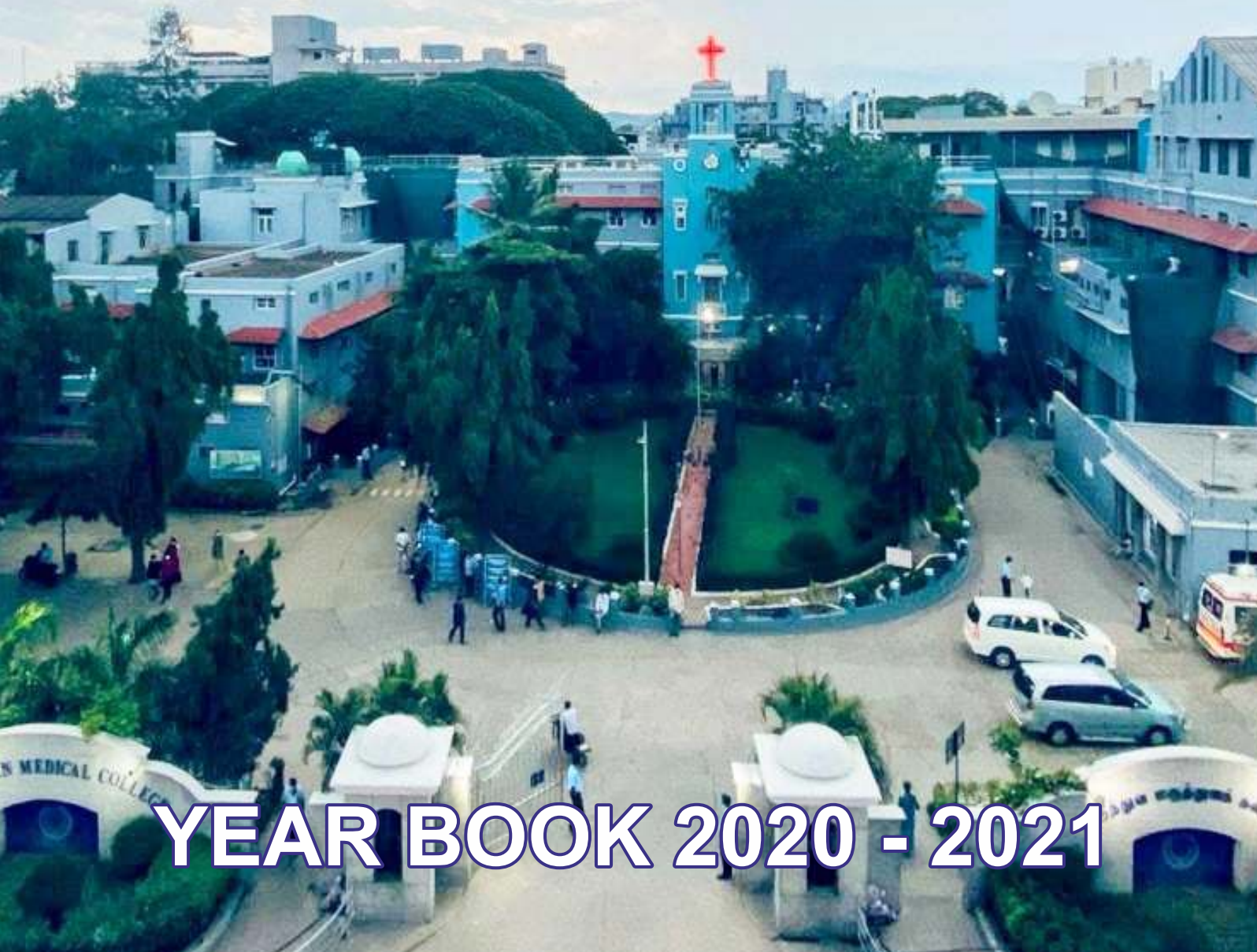




Christian Medical College Vellore



YEAR BOOK 2020 - 2021



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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Foreword

What a year it has been! It was one of the most challenging in recent times. Yet what we experienced during this period has been well encapsulated by the song writer, Anne Johnson Flint. "He giveth more grace when the burdens grow greater, he sendeth more strength when the labors increase, to added affliction he addeth his mercy, to multiplied trials, his multiplied peace."

CMC's commitment to serving people, its quest for excellence, the ability for collective thinking and decision making and the rallying together when it was needed most, were evident during the two waves of the pandemic. Protocols and policies were developed early and updated periodically. Training programs were established to benefit many mission hospitals and other rural establishments. Clinical services were upscaled rapidly and healthcare workers were trained to manage different levels of severity of COVID infection. In addition, our staff dug deep into their pockets to contribute financially to support COVID work despite salary deferments. Our alumni, Friends of Vellore and other well-wishers supported the creation and equipping of wards and intensive care units. Members of the Executive and Finance committees and the Council gave counsel and encouraged us with their inputs and prayers. The entire CMC community joined in one accord to fulfil its motto, "Not to be ministered unto, but to minister." CMC's COVID work was recognized with three awards – for workplace safety, hospital preparedness and best charity hospital.

Amidst these challenges, developments did not come to a standstill at CMC. The Kannigapuram campus was opened for COVID services during the two waves of the pandemic, despite difficulties in completing the work due to lockdowns and availability of workforce. The old Student Nurses' hostel was modified and commissioned as an inpatient clinical facility just before the second wave. The Chittoor campus opened a radiology suite and enlarged the scope of clinical services. The main hospital as well as the other peripheral units of CMC continued to provide care to



outpatients and inpatients, many of whom presented with more advanced disease.

Students were admitted albeit after some delay, to the various academic courses at CMC. Student learning took a new dimension with a majority of classes happening on an online platform.

The Year Book captures 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.

We are grateful to God for his hand of protection and provision to our institution and all its members. I wish to close with a quote by Heber J Grant. "May we be strengthened with the understanding that being blessed does not mean that we shall always be spared all the disappointments and difficulties of life." I am confident that the Lord will continue to enable CMC to be a place of healing.

J.V. Peter
Director



Editorial

The Year Book reflects a combination of the work during the pandemic while giving glimpses of the future directions of our institution. The impact of the pandemic continued into 2021 after a brief lull. Though it was the same virus, the effects were different and more difficult and again we saw the provision and protection provided by God in a myriad of ways. From donation of equipment for new wards to oxygen concentrators, God fulfilled every need while upholding the staff to rise to every challenge placed before them. Our story of the pandemic is covered in this Year Book as a testimony of the work in and by our institution. The balance of COVID and non-COVID work continues in each of the campuses which we have attempted to capture in this publication. I would like to thank Dr. J.V. Peter for facilitating the information obtained about

the pandemic. The resilience, fortitude and team work continues this year with a renewed hope in what we are called to do. We hope to showcase this spirit and determination through the Year Book 2020 - 2021. I would like to praise God for his protection of this institution during the pandemic and for blessing us through our work this year. The Year Book this year is an entirely in-house publication and I would like to thank Mrs. Mary Anslum, Ms. Sunitha and Mr. Saravanan, the team in the Promotions Office for their creativity, diligence and hard work in preparing this document. I would like to acknowledge and thank Dr. Latif Rajesh Johnson, Dr. Georgie Mathew and Dr. Vidhya for the contribution of the photographs.

Dr. Sowmya Sathyendra

Deputy Director (Promotions & Publicity)



Dr. Ida Sophia Scudder (1870 - 1960)

Dr. Ida Scudder, founder of CMC Vellore was born in 1870 in Ranipet to Dr. John Scudder II and Sophia Weld Scudder. Dr. Ida S. Scudder devoted her life and career to bringing modern health care and medical education to the people of India. Her life and vision changed one night when she was staying in Tindivanam, South of Chennai, in the Mission House with her parents. Dr. Ida encountered the historic 'Three Knocks', where the lives of three innocent girls were ignorantly lost for want of a woman doctor.

With this new revelation and conviction to develop the health care needs for the women of India, Dr. Ida Scudder returned to US to finish her studies in medicine. Within ten years of this incident, in 1899, Dr. 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, Dr. 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 started India's first Medical School for Women with a Licentiate of Medical Practitioner Course. The centenary year of medical education was celebrated in 2018. She opened up the health care profession 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. Ida 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. Ida Scudder was awarded the Kaisar-i-Hind Medal for Public Service in India, in 1920 - the highest civilian honour of the time. Dr. Ida Scudder passed away in 1960 but she lives on through CMC, Vellore.



The Silver Gate, CMC, Vellore

The Story of CMC

The Christian Medical College (CMC), Vellore located in 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 state of Andhra Pradesh. Together, CMC Vellore is a 2,879 bedded multi-speciality medical institution of international fame.

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 medical specialities, with advanced diagnostic and therapeutic services, alongside primary and secondary level care for local communities, catering to 85,890 inpatients and 12,50,082 outpatients in 2020 - 2021.

Paul Brand Block - Conversion of the old Student Nurses Hostel to an Orthopaedic facility. Following permissions, the contract for conversion of this building was awarded in January 2019. The

facility was ready by the time the second wave of the pandemic started in Vellore. Special permission was granted to use this facility for COVID.

Other Services- The Schell Eye Hospital is located in a separate campus around 2 Kilometers from the main campus and has active community services. **The Rehabilitation Unit and the Mental Health Centre** are located in Bagayam and provide specialized services rehabilitation and mental health.

The Rural Unit for Health and Social Affairs (RUHSA) is CMC's 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 epicentre of CMC's community health programme. It has its own training centre, outpatient clinic, secondary care hospital and provides 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 in occupational therapy, health education, nutritional education and overall 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-speciality hospital and has four state-of-the-art operation theatres, a good diagnostic laboratory that can handle clinical pathology, biochemistry, microbiology and virology. It also



The CMC Vellore Chittoor Campus

runs outreach programmes for primary health centres and schools.

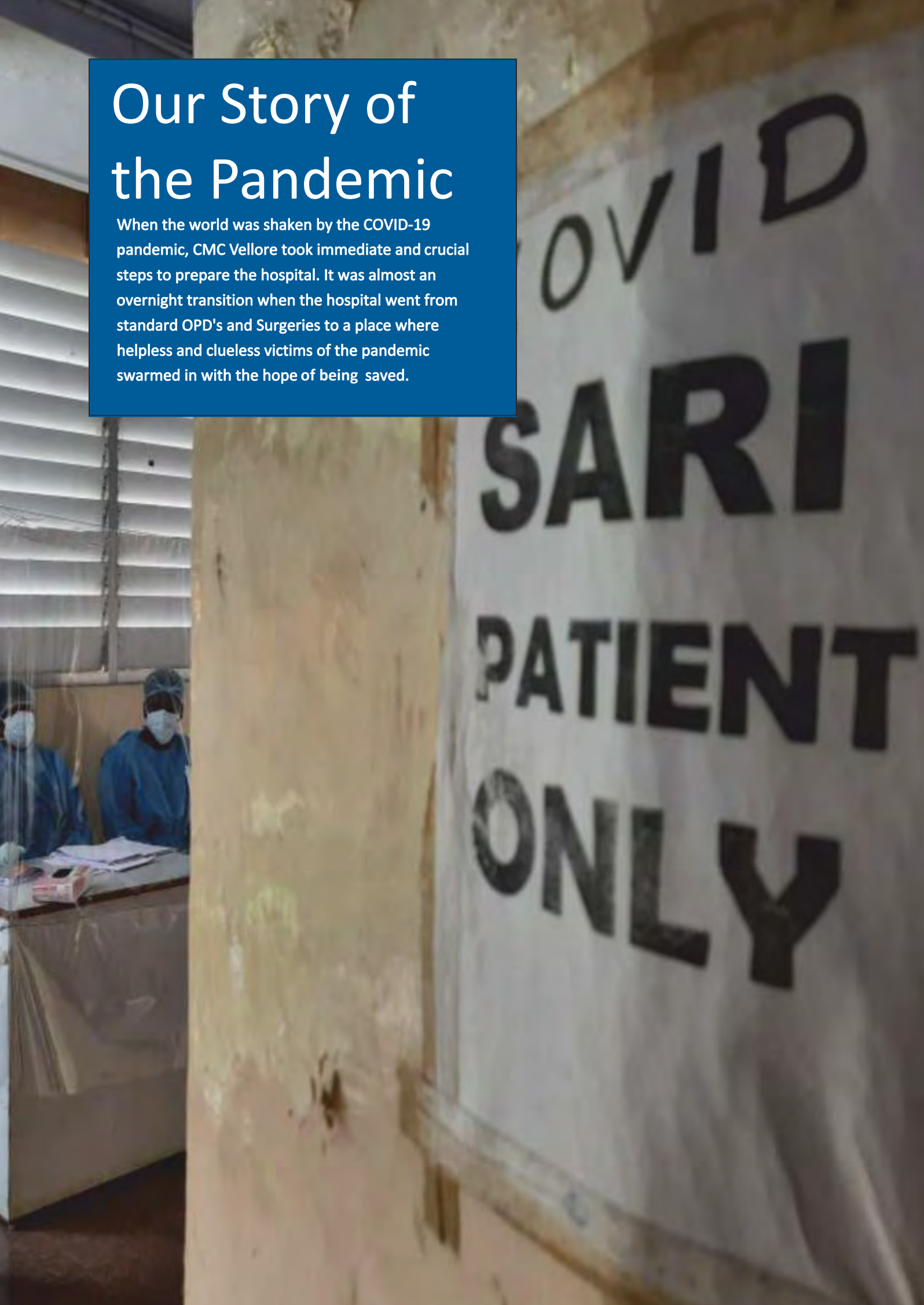
The CMC Vellore Kannigapuram Campus, is a Level 1 trauma care and multi-speciality and the biggest expansion of CMC. During the year 2020 - 2021, when the pandemic broke out the newly built Kannigapuram campus was transformed into a COVID facility. The sprawling new campus responded immediately to the need of the hour and re-calibrated its wards as COVID wards. New ICU's were built which were opened just at the right time when the second wave was engulfing the nation.



The CMC Vellore Kannigapuram Campus

Our Story of the Pandemic

When the world was shaken by the COVID-19 pandemic, CMC Vellore took immediate and crucial steps to prepare the hospital. It was almost an overnight transition when the hospital went from standard OPD's and Surgeries to a place where helpless and clueless victims of the pandemic swarmed in with the hope of being saved.



The First Steps

India in Early March

Confirmed	129
Active	113
Recovered	13
Dead	3

Protocol Development

- 20th January 2020
World Health Organisation (WHO) reports onset of the Pandemic.
- 23rd January 2020
Hospital Infection Control Committee, (HICC), CMC, Vellore charts the first set of protocols.
- 27th January 2020
HICC and the other teams hold weekly meetings to develop guidelines.

The first step in tackling and streamlining the pandemic was the segregation of the hospital and its peripheral units into COVID and non-COVID areas. Patients who came to CMC were first asked to get themselves checked into the Fever Clinic for preliminary screening for COVID. Subsequently appropriate triaging of patients was carried out. With the increase in patients requiring critical care, spaces had to be converted into ICUs.



Guidelines and Protocols

Protocol implementation is a complex pathway. It involves knowledge of the protocol (achieved through staff training) and ensuring that all resources necessary to implement the protocol are available at all sites. The institutional **Quality Management Cell** and the **Hospital Infection Control Committee** were actively involved in this process.

Planning

Several teams helped with planning. This included the Hospital Infection Control Committee, OP and Casualty Triage team (Adult and Paediatric) Masks and Supplies Team, Environmental team (cleaning, disinfection and infection control, the Staff and Student Health Services (SSHS), clinicians and other existing committees.

Deliberations with the local administration and Indian Council of Medical Research (ICMR) were also carried out.

ptomatic
collection
area



CHRISTIAN MEDICAL COLLEGE VELLORE
SAMPLE COLLECTION KIOSK

COVID_19

Hospital Preparedness

The beds were triaged and surge areas created as follows :

- Level 3 - For very sick patients needing ICU care
- Level 2 - For sick patients not needing ventilation
- Level 1 - For asymptomatic and mildly symptomatic patients.

Response to the Pandemic

April to May 2020

India on 8th May

Confirmed	56,351
Active	37,682
Recovered	16,776
Died	1,889

Protect

During the initial stages of the pandemic, Personal Protective Equipment (PPE) was scarce and difficult to procure. Hand washing stations were installed throughout the campuses to promote hand hygiene.

Swabbing and testing started soon after in designated places. Testing was carried out by the Department of Clinical Virology which is NABL Accredited (ISO-15189:2012) lab using the Altona[®] kit based – Automated Real Time PCR.

Within the CMC community, safety champions were identified among staff to ensure adherence to safety protocols. There was focus on mental well-being of staff through support from Department of Psychiatry, Pastoral counselling, 'Leanon Me' (online counseling) and other informal support groups.

June to August 2020
India on 9th June

Confirmed 2,65,928
Active 1,29,345
Recovered 1,29,095
Died 7,473

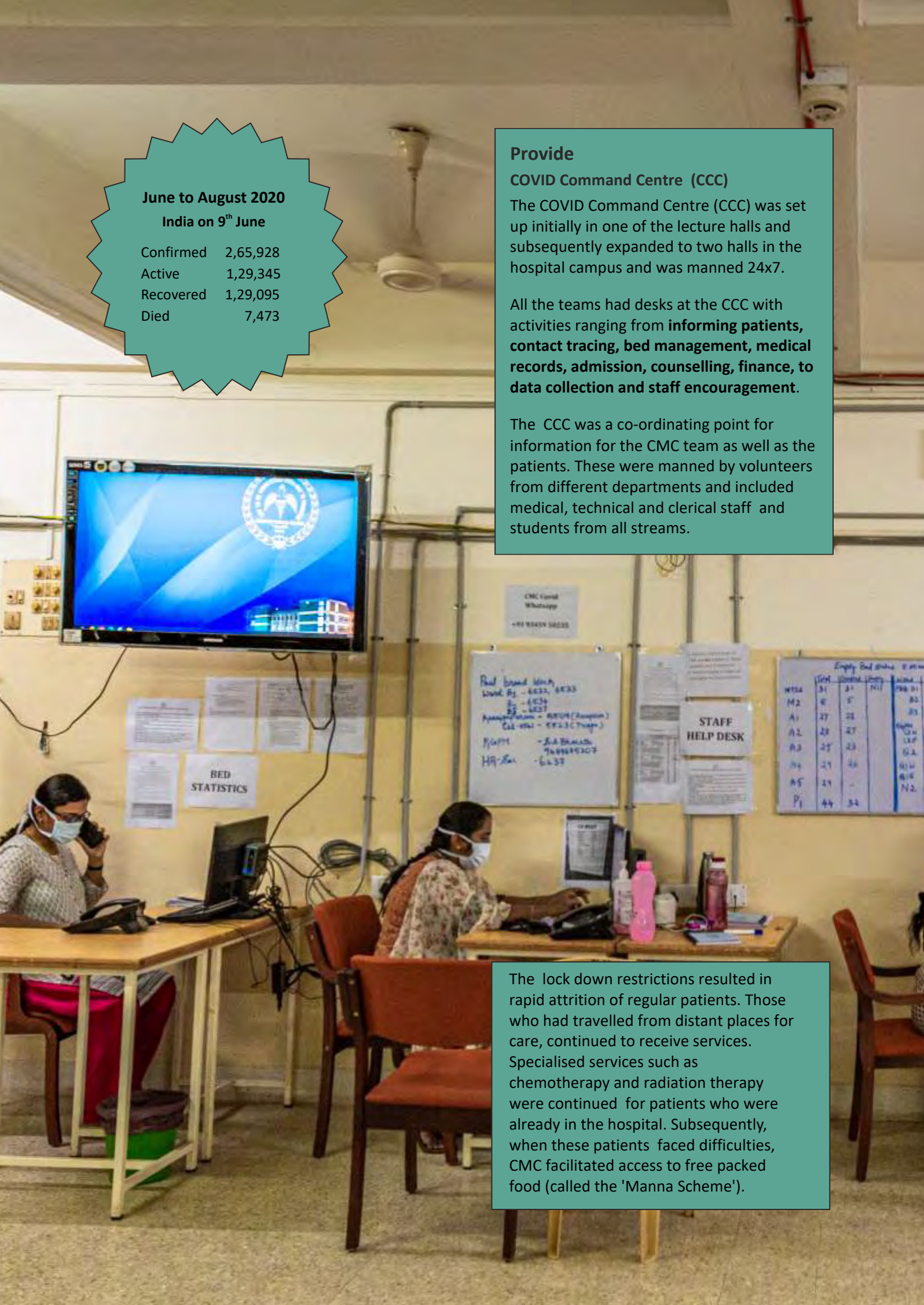
Provide

COVID Command Centre (CCC)

The COVID Command Centre (CCC) was set up initially in one of the lecture halls and subsequently expanded to two halls in the hospital campus and was manned 24x7.

All the teams had desks at the CCC with activities ranging from **informing patients, contact tracing, bed management, medical records, admission, counselling, finance, to data collection and staff encouragement.**

The CCC was a co-ordinating point for information for the CMC team as well as the patients. These were manned by volunteers from different departments and included medical, technical and clerical staff and students from all streams.



The lock down restrictions resulted in rapid attrition of regular patients. Those who had travelled from distant places for care, continued to receive services. Specialised services such as chemotherapy and radiation therapy were continued for patients who were already in the hospital. Subsequently, when these patients faced difficulties, CMC facilitated access to free packed food (called the 'Manna Scheme').

ROOM NO
C228 - C234



ROOM NO
C222 - C227

New Horizons

Transition to the Kannigapuram campus

The Kannigapuram campus which was originally meant for trauma care had to be re-purposed to respond to the needs of the patients affected by COVID. The COVID facility was inaugurated on June 17th 2020,

Team interactions

Medical team

- Doctors from medical, surgical and paraclinical fields volunteered to help

Nursing team

- Front line of patient care.
- Excellent feedback received (Patient satisfaction > 97%).
- Extended care beyond their call as patients had no relatives in the ward.

Technical, allied health and related

- Worked behind the scenes without complaint.
- Ensured supply chain, manning supply areas.
- Helped in domains like data collection.

GS office

- Structural modifications in a short time
- Transport of staff during pandemic
- Movement mapping and cordoning areas

Supporting Staff

- Cheerful and committed work.
- Willingness to work in any area.

October to November 2020
Recognition
Awards for Protection
Workplace Safety,
Preparedness
and Charity

TAMIL NADU

05

CHENNAI

SATURDAY 19.09.2020

Omandurar med college, CMC bag top awards for workplace safety

Only 2 TN hospitals find mention in list by CAHO; parameters included Covid precautions

EXPRESS NEWS SERVICE

@ Chennai

TWO hospitals from Tamil Nadu have received top awards instituted by the Consortium of Accredited Healthcare Organisations (CAHO) for excelling in worker and workplace safety. The Government Medical College Hospital, Omandurar Estate, bagged the first rank in the 'large hospitals' category (300-600 beds). The Fortis Hospital in Mohali got the second rank in this category. Among the 'very large hospitals' category (more than 600 beds), the Christian Medical College (CMC), Vellore, bagged the top position while the Amritha Institute of Medical Sciences, Kochi, got the second position.

The awards were announced by CAHO, a premier body of accredited healthcare organisations, in association with the Indian Council of Medical



A view of the Government Medical College Hospital at Omandurar Estate in Chennai which was listed on top among large hospitals | SHIBA PRASAD SAHU

Research-National Institution of Occupational Health and the Global Society of HSE professionals.

According to a press release from the CAHO, the winners were selected based on the measures taken by them towards worker and workplace safety during the Covid-19 pandemic. More than 100 hospitals

were screened for this purpose and the awards were given in different categories.

The assessment parameters included setting up of Covid task force, thermal screening, provision of adequate PPEs, physical distancing barriers and partitions in cubicles and also medical care for staff turning positive. The CAHO

Now, apply for e-pass online before flying to Chennai

Chennai: Now passengers flying into Chennai from other states will have to apply for Tamil Nadu e-pass online. This comes as TN e-Pass facility at Chennai Airport domestic arrival has been withdrawn from Friday evening. Passengers can apply for TN e-Pass at <https://tnepass.tnega.org/#/user/pass>.

also took into account the number of patients treated and the number of staff at Covid and non-Covid wards not turning positive.

Meanwhile, an official at the Government Medical College Hospitals, Omandurar Estate, said the hospital treated 18,200 Covid in-patients, among them 16,671 were discharged.



Recovery
CMC as on 11th October 2020

Admitted 8,342

Active 576

Recovered 7,353

Died 413

Building Projects Resumed

Main Campus

Student Nurses Hostel into an inpatient facility (the Paul Brand Building).

Kannigapuram Campus

Chapel, Car Park, Canteen, Medical Gas Plant and Housing Blocks.

Chittoor Campus

Radiology Suite, Chatram, Biomedical Waste Plant and Kitchen.

The Second Wave



Cumulative Statistics from the First Wave

- Beds allocated at peak- 900
- Out of 58,847 tests done-12,809 were positive
- Admissions- 10,564
- Mortality- 576



February 2021

Vaccine providers and promoters Vaccination for health care workers was offered from 16 January 2021. Excerpts from the published study on vaccination of health care workers at CMC:

- No death among the 8,958 vaccinated individuals; one death among the 1,609 unvaccinated health-care workers.
- Among health-care workers who received two doses, vaccines offered 65% protection against infection, 77% protection against hospitalisation, 92% protection against the need for oxygen and 94% protection from ICU admission, among the fully vaccinated.



April 2021
CMC as on 8th April

Admitted	10932
Active	104
Recovered	10,227
Died	601

The Second Wave

- The second wave hit the nation stronger and harder. This time the death toll was high among the younger generation. The loss of life was more painful and families were broken with the death of many of its members.

Our response

- Scaled up services
- Ensured staff protection (PPE)
- Updated protocol
- Increased bed allocation for COVID to 1150 beds at the peak
- Optimized Oxygen usage
- Converted Level 2 beds to Level 3 beds for critically ill patients
- Scaled down non-COVID work to optimize manpower



May to June 2021

CMC as on 17th June

Admitted	15,200
Active	278
Recovered	13,561
Died	1,361

We shall overcome

Oxygen

- In the face of increasing demand with short supply, policies of limiting wastage were facilitated which included a 5 point charter for oxygen stewardship.
- State ensured daily supply.
- Deployment of 150 bedside portable concentrators.
- Additional PSA (Pressure Swing Adsorption) oxygen concentrators were installed.

Beds

- Optimized beds in the wards for Non Invasive Ventilator (NIV)
- Mobilised more ICU beds in 3 pods in Kannigapuram which were readied over 2 weeks.

PPE and Equipment

Donor appeals for PPE, ventilators, NIV machines, monitors, infusion pumps, food pumps, ultrasound machine, ECG machines and defibrillators.



'i - Volunteer'

The entire CMC Community came forward to help during the pandemic. Hospital staff volunteered for various activities through the i-volunteer appeal. This went on to become a larger network that facilitated the formation of 'UDHAVI, during the second wave.



UDHAVI

உதவி



CMC COVID HELPLINE

**A free Monitored Telephonic Advisory Service offered by
Christian Medical College, Vellore**

GENERAL INFORMATION

MEDICAL ADVICE

COUNSELLING

LOGISTICS

A COVID CONNECT initiative by CMC for people of Vellore and Surrounding Districts :

Supported by Indian Medical Association (IMA) Vellore, the Udhavi helpline was launched on the 19th of May, 2021.

Mr. S, a 35 year old labourer from Vellore was having fever for 2 days. He was tested positive for COVID at the government hospital and was advised home care. He got to know about the Udhavi helpline and decided to call as his fever was increasing steadily. He was advised by the doctor on how to take care of himself at home and how to be in isolation. He even got a home monitoring kit delivered at his doorstep which included a thermometer and pulse oximeter. He was monitored every day by doctors in Vellore enquiring about his oxygen saturation and general health until he recovered a week later.

Mrs. R. was very old and had COVID. She was very clear she wanted to avoid hospital stay. Her family supported her sentiments. Being under the coverage of CMC community programme she was visited by social workers and doctors who connected her to the Udhavi network. Subsequently she was taken care of at home and as per her wish was on home oxygen therapy. Though things turned worse for her she wanted to be with family. Home oxygen care, counselling and social support was provided until she peacefully breathed her last a week later. Her family was thankful for the empathetic care that was delivered at her bed.

Like the 3 knocks that Dr. Ida Scudder got on her door that fateful night, CMC community had come together to open the door for all those in need during the second wave. Behind the scenes were a group of doctors, technicians, secretaries and many others who volunteered to come together to help the people outside of hospitals. Taking the CMC ethos beyond the walls of our institution; the IMA volunteers were duly trained on home care protocols. Udhavi and IMA helplines worked in tandem transferring service needs as per the scope of each.

The IMA network ensured follow up of patients with mild symptoms isolated at home with daily call back once information was passed on to them by the 'Udhavi' helpline.

People who needed food or medicine while in isolation and lockdown were positively responded by the NGOs guided by Mrs. Emma Koshy and Mr. Ruby Nakka of Vellore. The private social support Organization called PISCES under the guidance of Dr. Vinod Shah also served as a parallel arm with their support network with oxygen concentrators and trained nurses on the ground. The community outreach programmes of RUHSA, CHAD and LCECU also ran a parallel home monitoring and support services (CMC CONNECT) in their coverage areas with logistic and advisory support through the Udhavi helpline.



Grace in Abundance

Gift of concentrators from CMC to Government Medical College, Ranipet and to the Vellore Collectorate.

10% subsidy in oxygen charges implemented as a result of donations of PSA units and oxygen concentrators



COVID-19 · Équipe France - Solidarité avec l'Inde
COVID-19 · French team - Support to India

Vaccinate Vellore Campaign

CMC and the peripheral units took up the challenge to roll-out vaccination. RUHSA worked in the villages around K.V. Kuppam, CHAD offered the service in the areas surrounding CHAD hospital (semi-urban and rural) as well as in their villages, CONCH provided vaccination to the labourers at CMC's new campus development site at Kannigapuram, as well as the surrounding villages and LCECU has been targeting the urban poor in their service area within the city.

Together, the four units have delivered more than 4800 doses until 09th June 2021.



CMC's COVID Response from the Peripheral Units

Low Cost Effective Care Unit

The LCECU team provided Home Based Care (HBC) for patients living in the 6 service areas of LCECU and extended this provision to patients living in other parts of Vellore city. The 6 areas have a population of about 10,000 and there are 5 Community Health Workers (CHW) who work with local volunteers. This was done in collaboration with the CONNECT team.

Home Based Care

For each family with a COVID patient who opted for home based care, the team met them at their homes. They were taught to use the kit and how to monitor the patient. The community health worker would contact them twice a day and monitor their condition.

Department of Community Health (CHAD) and Jawadhi Hills

Patient Care

With the onset of the second wave and the increasing death rate there was a general reluctance to get tested, as the people were not willing to be admitted or isolated in Tiruvannamalai.

Most of the houses in the hills consist of a single room with an open verandah in front. All activities including cooking took place in this room and open defecation was common. This made it difficult to isolate the positive patients to curb the transmission. With the help of the District Collector, the government allotted a centre with 80 beds in Perungatoor in a school building. To support the work of the government CMC made available 3 oxygen concentrators for this centre. A caregiver was assigned for the families with knowledge on how to read a pulse oximeter and a thermometer. Masks were provided with instructions with pictures and a monitoring sheet.

Health Education Material

CHAD printed and distributed educational material on topics such as, signs and symptoms of COVID, prevention of spread, testing (where and how), treatment (where and how to seek), danger signs, vaccination, quarantine and isolation. Audio messages were played over speakers in the villages.

Vaccination Motivation and Vaccination Camps

60 villages were visited on a fixed schedule on a monthly basis with mobile clinics. The clinics are staffed by 2 Primary Health Nurses (PHN's), a doctor and a driver. All team members have multiple roles to play, including the driver - motivating people to get vaccinated and to get tested if they have symptoms.

The visits were planned in the late evening / night, or in the early morning, so most people can attend, and discussions were emphasized on clearing misconceptions, educating about COVID, and the importance of vaccination. After these visits and discussions with the Block Medical Officer (BMO), arrangements for vaccination were made in the village; 19 villages have been covered in these visits.

CMC has made available 400 doses of Covishield for the tribal population. A total of 162 individuals from 7 villages have been vaccinated through this process.

Food Support

As in the first wave and in the stringent lockdown last year, many people, especially the elderly, single parent families and unemployed found it difficult to access food. The Jawadhi Health workers had identified people who were affected, including the families who were finding it difficult to access food as they or a family member was COVID positive. The team was able to get 200 bags of dry rations delivered, either through the mobile clinic or through Veerapanoor clinic. The Don Bosco Tribal Development Society contributed 150 bags.



Rural Unit for Health and Social Affairs (RUHSA)

RUHSA FEVER CLINIC 1 st May, 2021 to 15 th June, 2021		
Fever clinic patients		990
Swabbed no.		326
Proportion swabbed		32.96%
Positive no.		235
Positivity rate (%)		72%
Referrals from FEVER clinic /casualty with diagnosis of ILI /COVID suspect		167
Place of referral	CMCH	48
	Gudiyatham GH	92
	GVMCH	25
	Others (Pvt. Hospital)	2
Patients inducted in Home isolation programme of RUHSA from 17 th May, 2020 to 15 th June, 2021. (including 4 Staff)		58
Area		42
Out of area		16
Patients referred from home isolation programme for admission in hospital		10
Proportion of home isolation patients who required hospital admission		17.2%
Place of referral	CMCH	1
	Gudiyatham GH	8
	GVMCH	1



Mrs. Yasodha* is a 54-year-old woman who resides in a nearby village. She lost both her parents when she was just a child and has never been to school. At the age of 18, she got married to the man she loved but she was abandoned after 5 years due to her ill health. She had to face rejection from her in-laws as well as they felt she would be a burden for them.

Since then, Yasodha has been living all alone for the past 31 years in this village and earns some money plucking flowers. She earns Rs.150 per week along with the old age pension, she receives from the government. She suffers from diabetes, hypertension and chronic respiratory disease.

During this COVID-19 pandemic, she was one among the millions who lost their source of meagre earning making it hard to make ends meet. She needed material support and has received the relief package from RUHSA team.

* Name changed

College of Nursing Community Health (CONCH)

Realising the need for more community areas and a different approach, in 1987 with the approval of the State Government, the Community Health Nursing Department started a Community Health Programme in the name of CONCH (College of Nursing Community Health) serving a rural population of 67,833 in 23 villages and a semi urban population belonging to Arcot and Vellore blocks of Ranipet and Vellore District. The programme is a nurse managed programme with the objectives of promoting the health of the communities through direct and indirect services for all age groups, prepare various categories of nursing students to acquire clinical competencies and function at different levels in the community health programmes and to promote community development and self-reliance. The types of services provided are Home Care Services, Clinic Services, Health Promotional Activities, School Health Programmes, Special Camps and Community Organization Activities.

Special Programmes

Psychiatry Clinics

The psychiatry clients were visited regularly once a month at their homes by the community health nurses along with a psychiatrist and provided with monthly drugs, strictly adhering to the infection control measures after obtaining permission from the institution and also from the collectorate of Vellore and Ranipet. The patients and the family members were provided face masks by the ophthalmology department. These masks were made by the visually challenged persons under the low vision rehabilitation programme.

Health screening programme for the labourers of CMC Hospital, Kannigapuram Campus

Every day two staff were posted to Health Screening to screen the labourers for ILI symptoms from 7th April 2020 to 5th February 2021. Those found to be sick were referred to CMC Hospital.

Total number screened	553144
Number referred	94
Number with travel history	1642

Health Education on COVID-19

Regular health education was provided in the villages on COVID-19 by the Nurses. Wearing of mask and Hand washing were demonstrated. Importance of social distancing was emphasized. Pamphlets on prevention of COVID-19 were distributed. After the vaccine was introduced, people were educated on the importance of vaccination, and they were encouraged to be vaccinated.

Staff Safety Champion

Community health nurses were involved in neighbourhood watch team as Staff Safety Champions lead by Dr. Ravish Sanghi, Professor and Head of Department of Hepatobiliary Surgery. He insisted the need for concerted, sustained, repeated interventions during the COVID-19 pandemic to decrease the incidence of infection among staff of CMC. As part of this initiative, community health nurses were actively involved in improving the compliance of staff to the safety measures that need to be followed during the pandemic. This included, health education, emphasizing on physical distancing, use of mask at all times and hand sanitization. Staff from Community Health Nursing Department were posted in outpatient department from 1st July to 30th September, as 'Staff Safety Champions'. Physical distancing and use of mask were emphasized among patients and staff, who attended the OPD.

E-poster on awareness regarding prevention of COVID-19 was prepared and circulated among staff of CMC. The posters were displayed in the digital banners at various places within the CMC campus.

Audio Visual Aid Preparation

During the pandemic, staff from Community Health Nursing Departments, enthusiastically prepared posters and flash cards.

Training of New Health Workers

In order to strengthen the liaison between the community and the community health nurses, 12 new health workers were recruited and trained. A formal training programme was conducted with a planned curriculum.



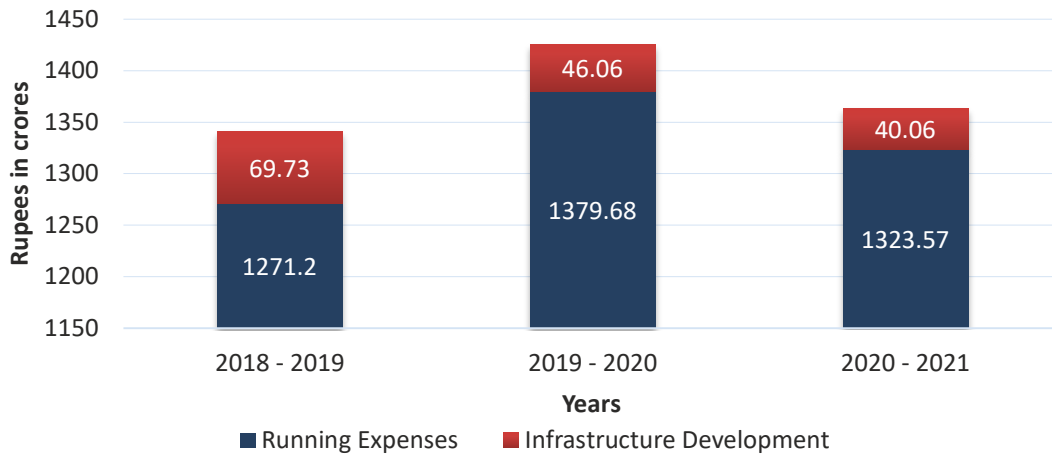
CMC's Milestones



- | | |
|--|---|
| <p>1900 The Single-bed dispensary began</p> <p>1902 The Mary Taber Schell Memorial Eye Hospital was established</p> <p>1918 The Medical School for Women started with the LMP Course</p> <p>1942 The Medical College started with the MBBS Degree Course</p> <p>1946 First Nursing university recognised course</p> <p>1948 World's First Reconstructive Surgery on Leprosy Patients</p> <p>1961 India's First Successful Open Heart Surgery
India's First Middle Ear Microsurgery</p> <p>1966 Rehabilitation Institute (India's first) was established</p> <p>1971 India's First Kidney Transplant</p> <p>1986 Bone marrow Transplant in Thalassemia (India's first)</p> <p>1996 Carotid bifurcation stenting (India's first)
Trans-septal carotid stenting (World's first)
Trans-jugular mitral valvulo plasty (World's first)
Distance Education Unit – Family Medicine programme</p> <p>1997 In vitro fertilisation via gamete intrafallopian tube transfer (India's first)</p> <p>1998 Total body irradiation for bone marrow transplantation (CMC's first)</p> <p>1999 Intracytoplasmic sperm injection for infertility (CMC's first)
Liver transplantation (CMC's first)</p> <p>2001 PACS for Radiology</p> <p>2005 Living donor liver transplant (CMC's first)</p> | <p>Surgical ventricular restoration (CMC's first)
IDTRC</p> <p>2009 Endovascular repair of aortic aneurysm using three chimney grafts
Successful ABO-incompatible renal transplant (India's first)</p> <p>2019 Dr. Gagandeep Kang becomes the first Indian women to be elected Royal Society Fellow.</p> <p>2020 Best transplant hospital for the year
CMC receives the Indian Research Excellence Award.
Ranked third in the National Institutional Ranking Framework (NIRF) – India Ranking 2019.
Dr. Priya Abraham, appointed as Director of National Institute of Virology, Pune
Dr. Mathew J. Chandy receives the Honorable Padma Shri award.
CMC ranked second among the Best Medical Colleges by India Today.
CAHO awards for India's Best Hospitals
Excelling in worker and workplace, safety in COVID-19 times
FICCI awards for excellence in hospital preparedness for COVID-19
India Today Healthgiri Awards for the Best Charity Hospital combating COVID-19</p> <p>2021 49th rank among the best medical schools in the world
India's first transjugular pulmonary valve implantation.
India's first transfemoral tricuspid valve implantation.</p> |
|--|---|

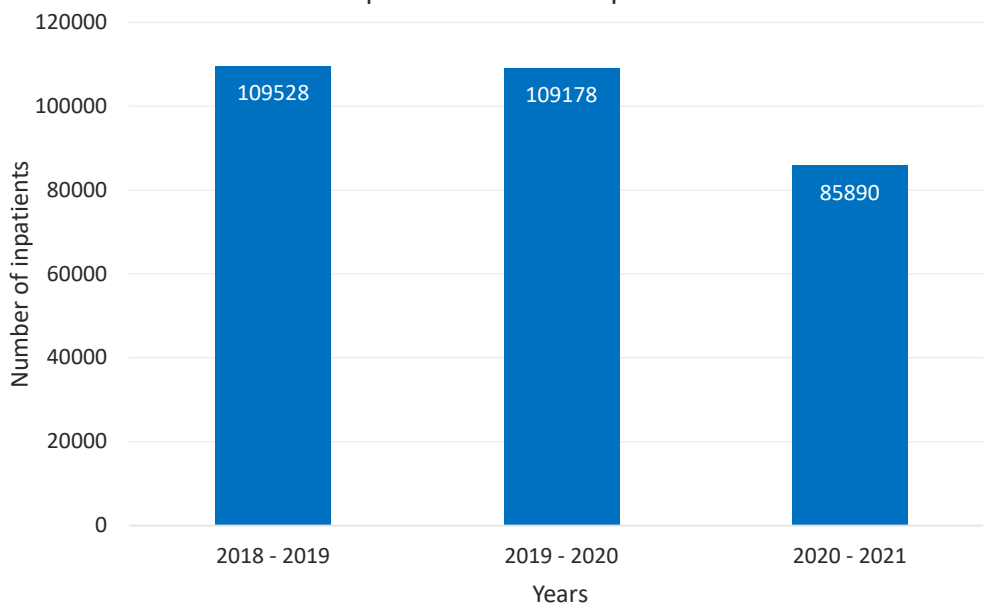
CMC's Financials 2020 - 2021

Major Expenses

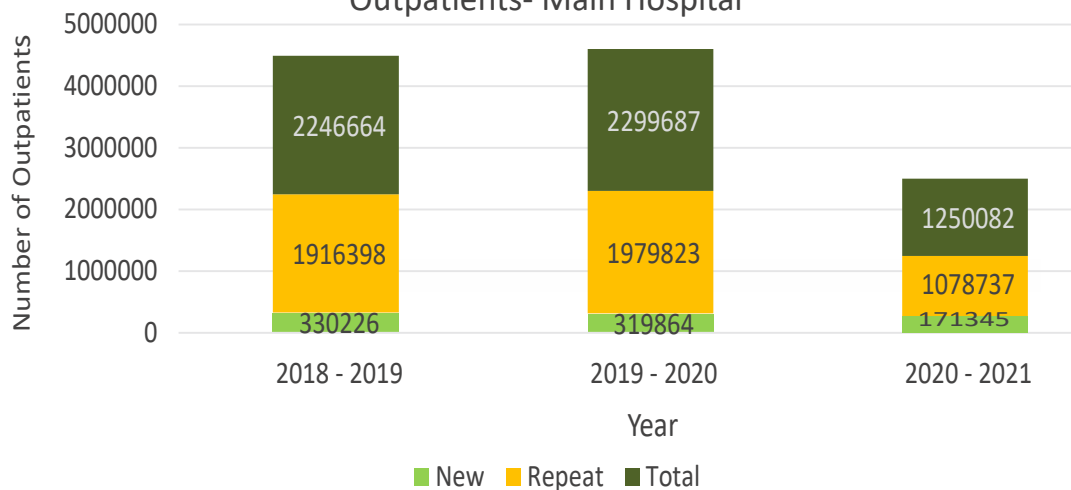


Daily running expenses Rs.3,63,61,894

Inpatients- Main Hospital

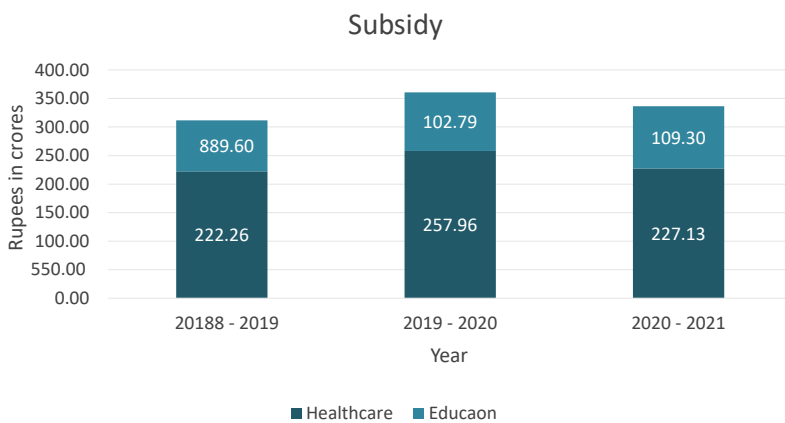
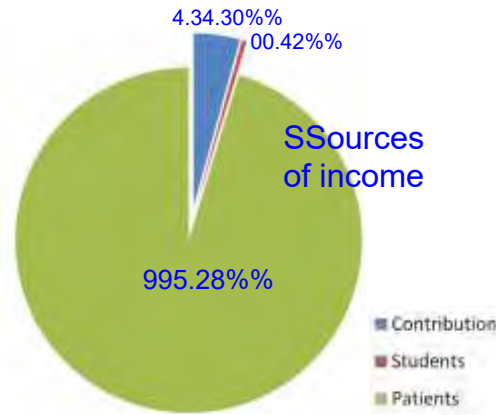


Outpatients- Main Hospital



Sources of Income 2020 - 2021

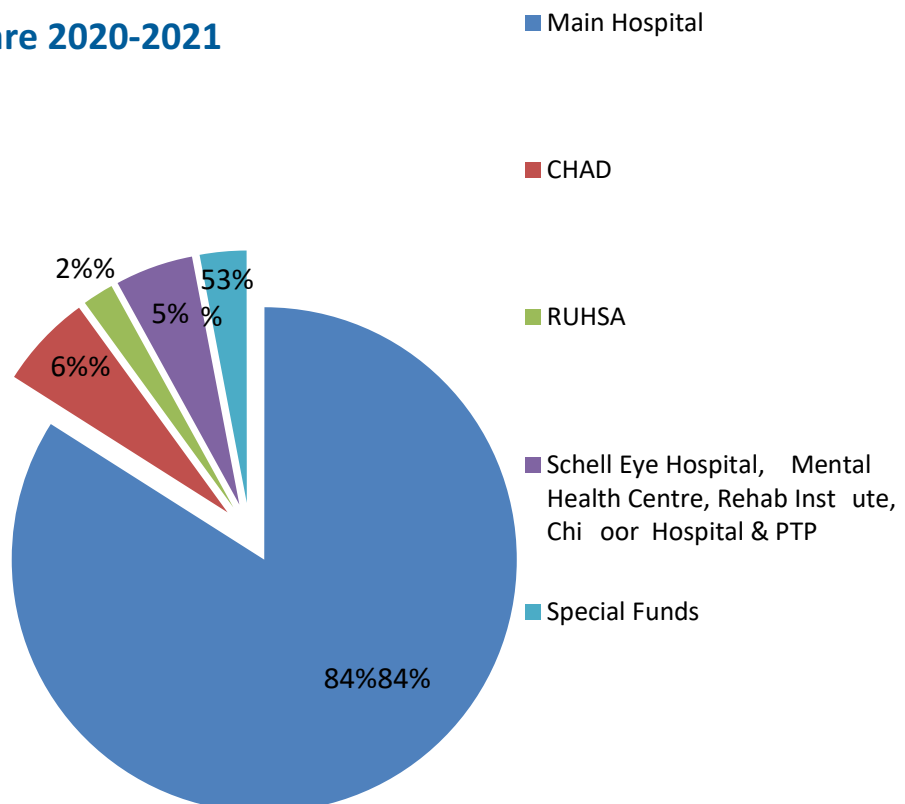
ICRA, an independent and professional Credit Rating Agency in, 2017, gave CMC Vellore a Double-A rating for its steady revenues and stable occupancy levels. In 2020-2021, 95.28% of CMC Vellore's revenue came from patients, 0.42% from students and 4.30% from contributions.



Charity

Free and 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. 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.

Charity, Healthcare 2020-2021



CMC Gives

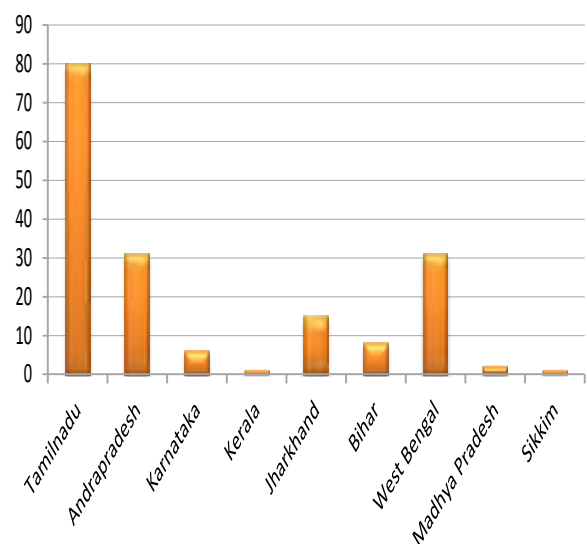


The CMC funded Hospital Chatram (The Shelter) has its beginnings in 1906 when Dr. Ida Scudder began her roadside clinics. The patients who required an outpatient treatment were provided a temporary shelter to accommodate their stay. For the poor patients, a low cost accommodation was necessary. As a 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.

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

Statewise Distribution of Patients at Chatram



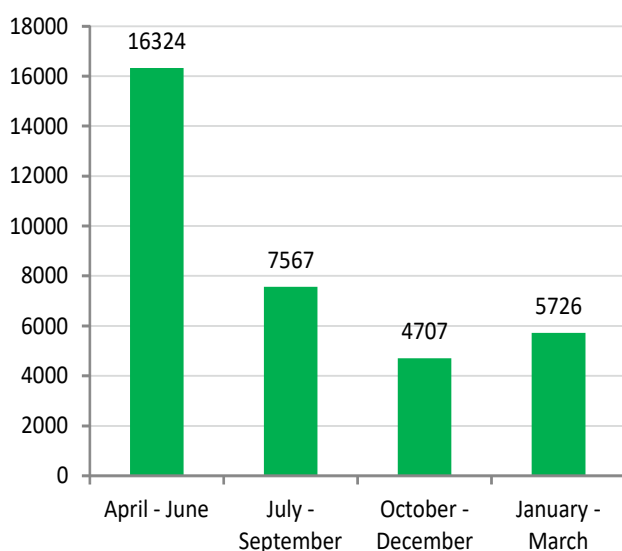
2018, by the MBBS batch of 1970 and well-wishers from Vellore. The scheme provided breakfast for the inmates of Chatram 5 days a week. The issue of Manna Midday Meals token in Chatram premises started in April 2018. The scheme is managed by Missions Office and funded by donations from well-wishers, current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

A total of 176 patients were accommodated in the Hospital Chatram during the year 2020 - 2021. Due to the COVID-19 pandemic the number of patients seeking accommodation had decreased by 62% in 2020 -2021. The Lord has blessed Chatram patients throughout the pandemic through many well-wishers and staff by providing food and provision supplies.

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 with a meal while waiting for the OPD treatment. Though the treatment was free with the Person to Person (PTP) or Special fund, the very poor went without food. Many joined the effort and donated money to support the initiative and it became a regular programme. There have been very generous individual donors and some of the staff who have been donating through salary deductions regularly to sustain the programme. The programme has remained spontaneous and small catering to about 30 to 40 meals a day. The coupons are handed over to deserving patients through doctors' recommendation and the Public Relations Office (PRO). The patients receive the meals through the Good Samaritan canteen.

**Quarterly Distribution of the Manna Midday Meals
Token from April 2020 to March 2021**



The scheme also helps provide lunch or dinner to those staying in Chatram. The PRO coordinates in facilitating coupons for deserving patients and their relatives referred either through the OPD or Wards.

Response during COVID-19

During the COVID-19 pandemic, the Manna scheme was scaled up to support patients and families who were suddenly stranded due to travel restrictions and could not afford to buy food. The team at the Good Samaritan Canteen responded enthusiastically and accommodated this additional need inspite of the staff number being reduced to one-third. Additional storage space for commodities was arranged and a wholesome menu prepared with the available commodities in the market.

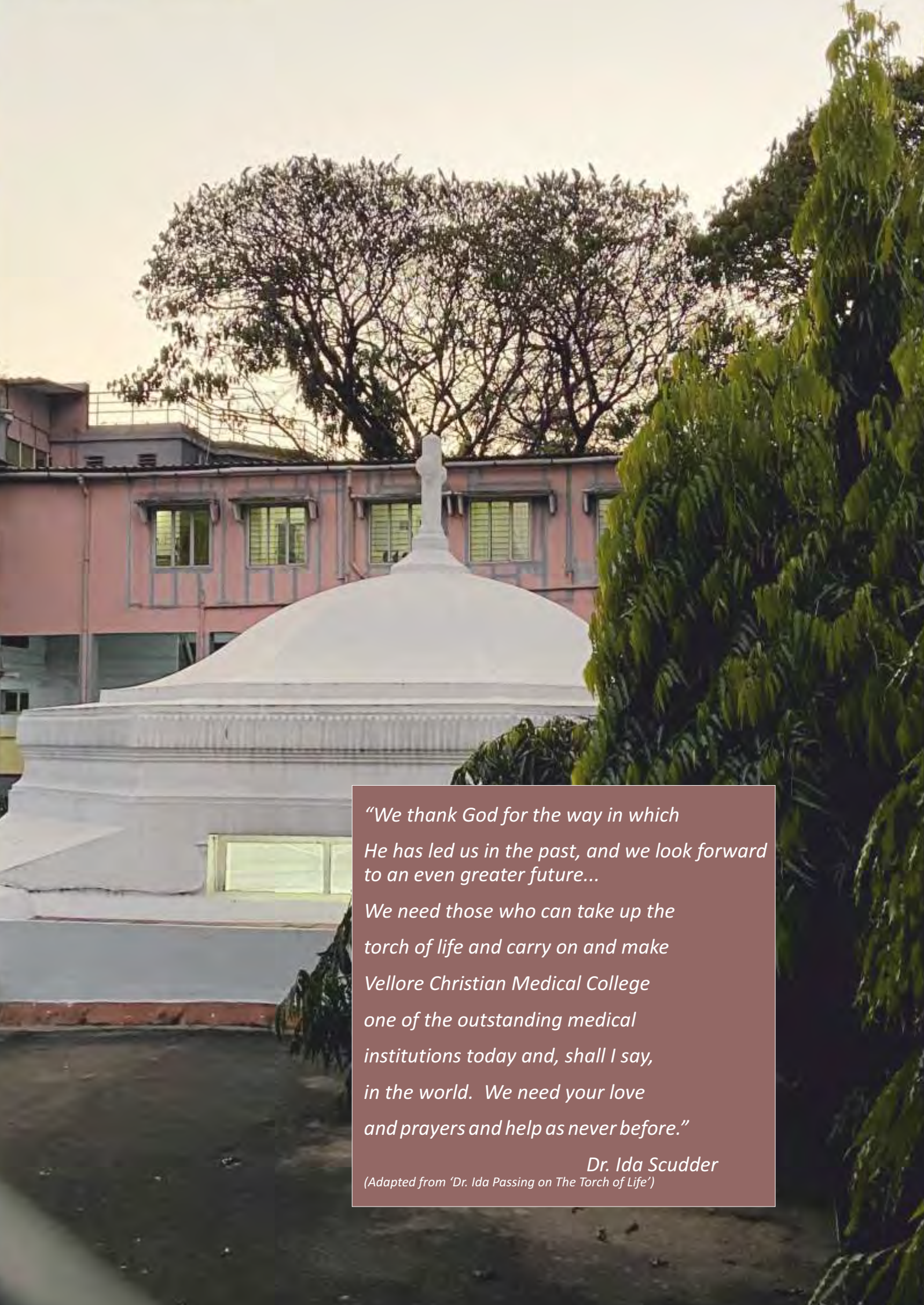
Patients were identified in the OPDs and in the wards and coupons were processed through the PRO to get the free food packets from the Good Samaritan Canteen. Apart from these, the scheme also covered care-givers who were quarantined. A patient and his/her attenders were supported for six meal coupons in a day. The cost of 6 meals per patient plus one caregiver per day is Rs.250. A total of 34,324 meals have been distributed from 1st April 2020 to 31st March 2021.

Apart from this, many staff contributed towards raw provisions for those who could not eat from the canteen due to health issues.

It was wonderful to see a team of Good Samaritans rising up to address the needs of fellow beings. The generous contribution of many staff who donated and even opted for salary deduction helped sustain the programme.

This scheme which started 22 years ago continues even today with the support of caring friends who 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;”
Matthew 25:35



*"We thank God for the way in which
He has led us in the past, and we look forward
to an even greater future..."*

*We need those who can take up the
torch of life and carry on and make
Vellore Christian Medical College
one of the outstanding medical
institutions today and, shall I say,
in the world. We need your love
and prayers and help as never before."*

Dr. Ida Scudder

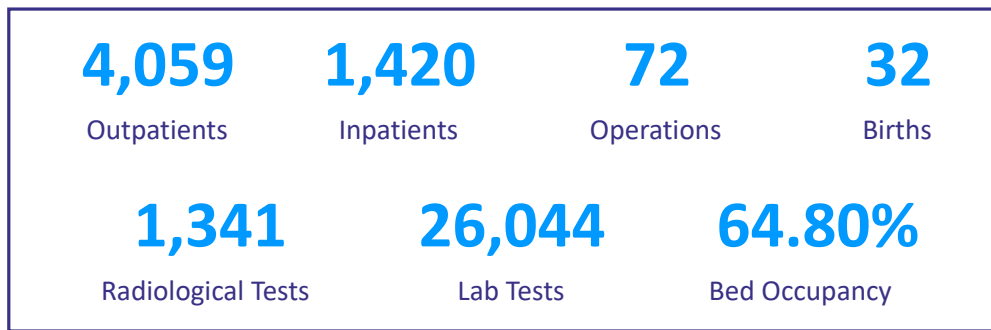
(Adapted from 'Dr. Ida Passing on The Torch of Life')



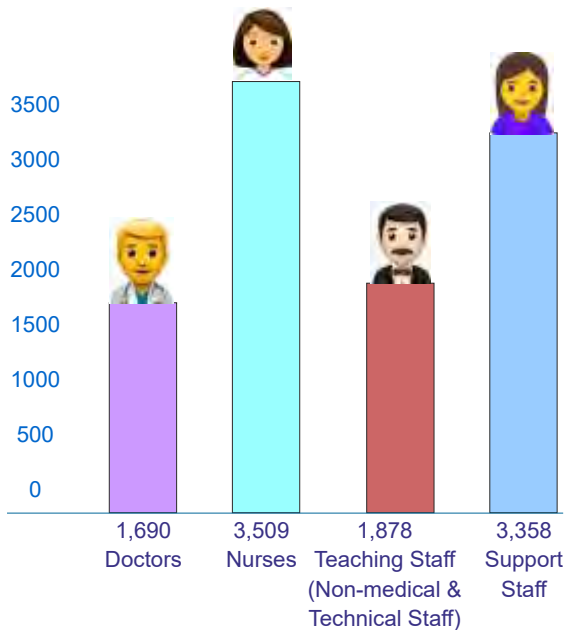
Clinical Services

Nevertheless, I will bring health and healing to it; I will heal my people and will let them enjoy abundant peace and security. Jeremiah 33 : 6

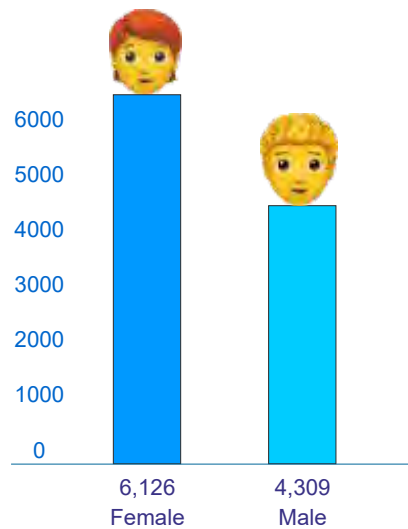
A Day at the Main CMC Hospital



CMC Staff

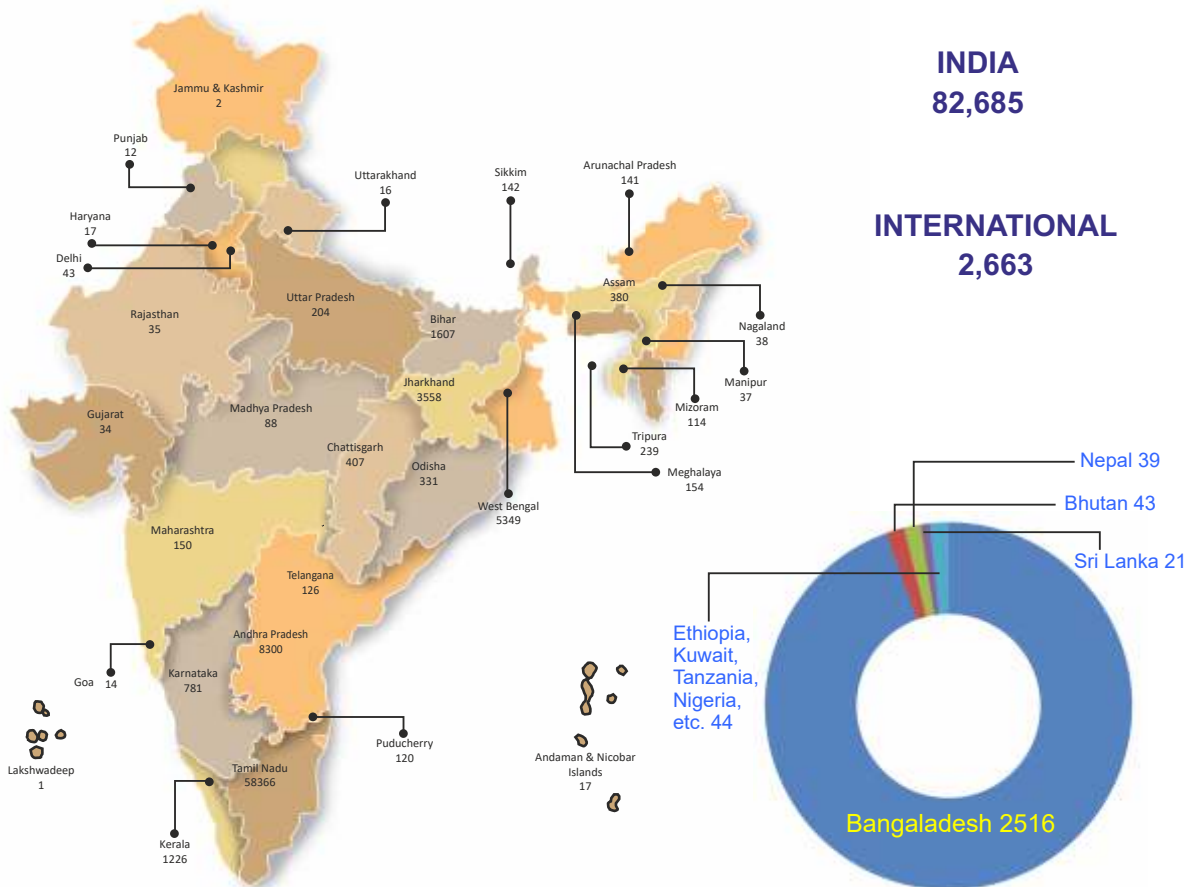


Gender Ratio



Total No. of Staff - 10,435

Geographical Distribution of Inpatients



CMC OUTPATIENT STATISTICS (APRIL 2020 - MARCH 2021)

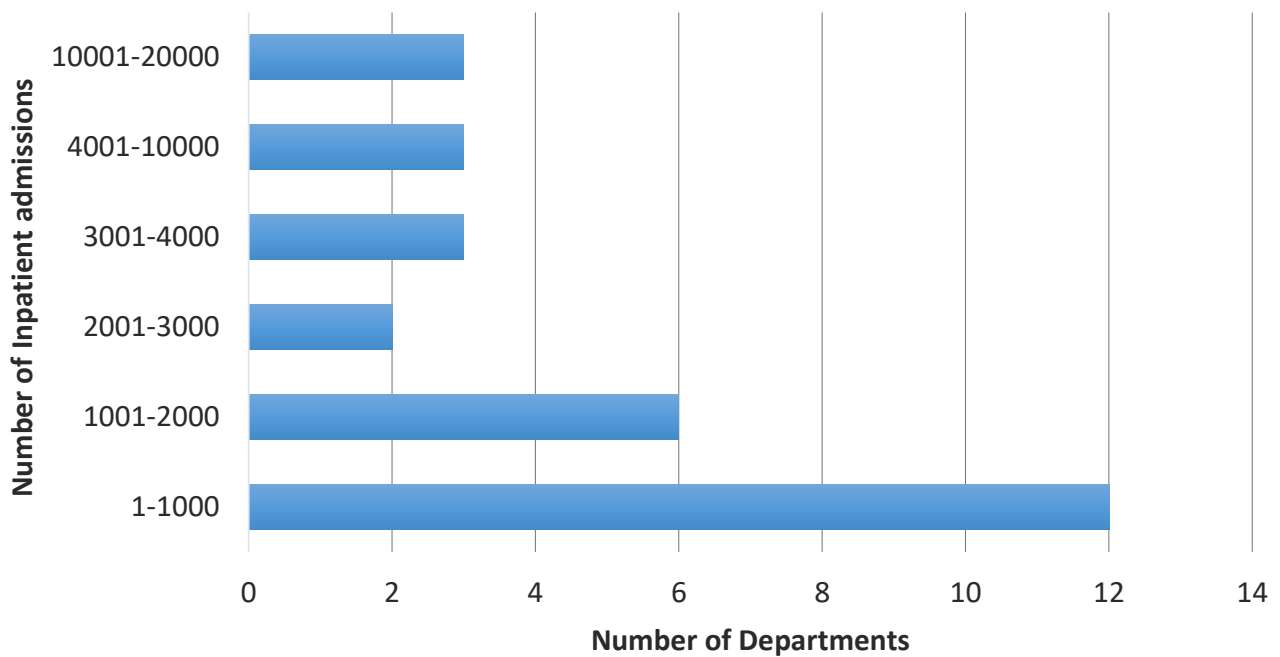
	Beds	Inpatients	Outpatients	Births
Main Hospital	2,192	85,890	12,50,082	11,531
Community Health and Development	140	12,685	84,497	5,123
Rural Unit for Health and Social Affairs	57	2,474	75,931	1,452
Schell Eye Hospital	100	2,760	77,570	NA
Low Cost Effective Care Unit	48	961	55,016	126
Shalom Family Medicine Centre	NA	NA	22,409	NA
Mental Health Centre	98	407	81,027	NA
Nambikkai Nilayam	24	39	2,102	NA
Rehabilitation Institute	100	NA	NA	NA
CMC Chittoor Hospital	120	9,034	2,01,820	1,710
Total	2,879	1,14,250	18,50,454	19,942

Inpatient Statistics 2020 - 2021



Main Campus

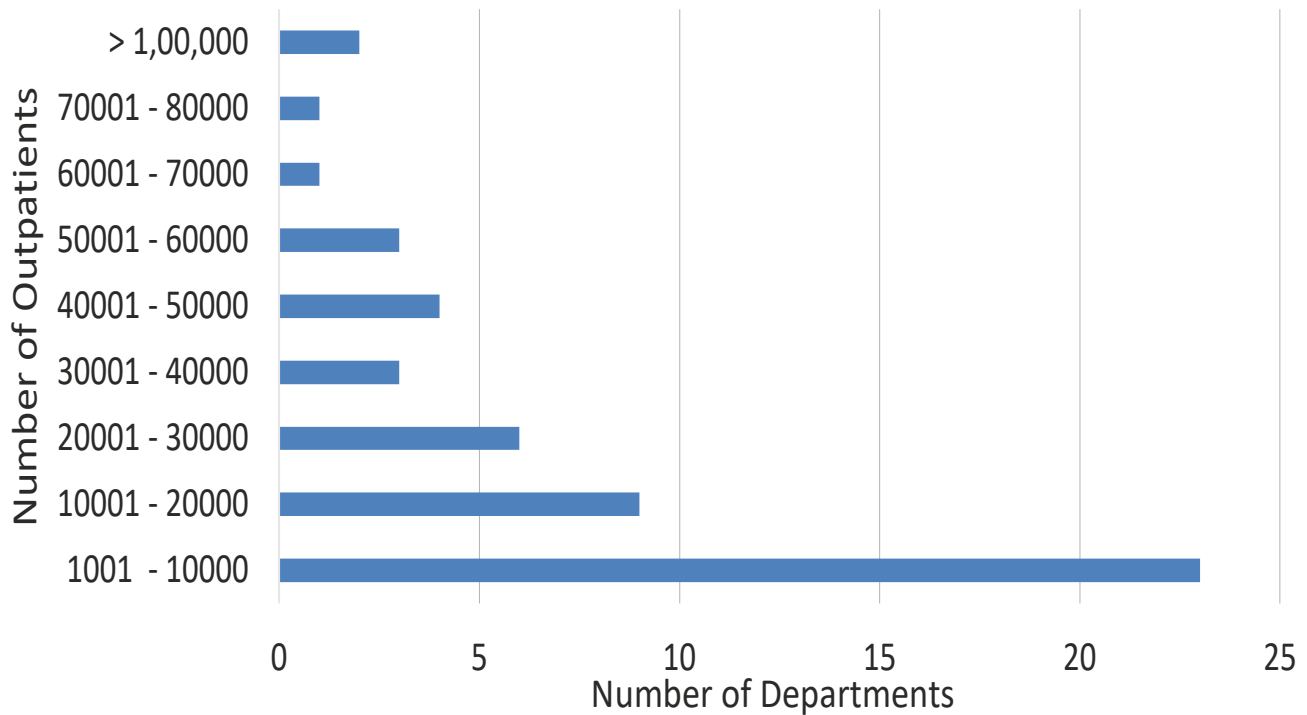
Total Inpatients in 2020-2021 : 85,890



Outpatient Statistics 2020 - 2021

(Main Campus, Shalom, CDC and Kannigapuram Clinic)

Total Outpatients in 2020-2021 : 12,50,082



New Outpatient Clinics

New clinics started during the period April 2020 to March 2021

No.	NEW CLINICS
1.	Haematology Emergency Clinic
2.	Interventional Radiology Clinic
3.	OG Triage
4.	Paediatric Musculo Skeletal Tumour Clinic
5.	Post SARI Clinic
6.	Shalom Center Paediatric Clinic
7.	Shalom Family Medicine and Daycare Center

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

Diagnostic Tests (2020 - 2021)

Cardiology

Ambulatory BP	848
Cardiac Diagnostic Angiograms	1,631
ECG	47,616
ECHO	33,842
Holter monitoring	1,974
Treadmill	4,185

Clinical Laboratory Tests

Clinical Biochemistry	31,81,119
Clinical Pharmacology	10,479
Microbiology - Serology and culture	3,50,095
Virology	2,83,178
Clinical Pathology	32,20,290
Blood Bank tests	9,28,649

Cytogenetics Test

	794
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Dental

X-rays	9,119
--------	-------

Endocrinology

	495
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ENT

Audiometries and Audiology	15,414
Diagnostic	631
Scopies	11,059

General Pathology

Biopsies	30,291
Cytology and FNAC	12,997
Autopsies	18

Haematology

Antenatal Diagnosis by DNA testing	35
Diagnostic	9,297

Head and Neck Surgery - I

Diagnostic	1,293
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Medical Genetics

	583
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Neurological Sciences

EEG & Telemetry EEG	7,808
EMG	4,572
Stereotactic biopsies	26

Nuclear Medicine studies

	5,632
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PMR

Gait and Video Analysis	90
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Pulmonary Medicine

Pulmonary Function & Diagnostics	14,424
Bronchoscopies & procedures	577
Allergy Skin Testing	930

Radiodiagnosis

CT Scans	38,428
MRI Scans	23,878
Plain X-rays	2,53,372
Mammography	2,363
Ultrasound	75,566

Rheumatology

Immunology	1,562
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Urology

Cystoscopies	1,775
Diagnostic procedures	9,218
Uroflometry	5,915



Therapeutic Procedures (2020 - 2021)

Anaesthesia

Inside OR	15,374
Outside OR	4,962
Emergency Surgeries	14,418

Blood Bank

Blood transfusion	52,713
-------------------	--------

Cardiology

Cardiac interventions	2,437
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Dental Procedures

32,249

Dermatology Procedures

17,843

Developmental Paediatrics

Dev. Paed. Assessment	2,957
Dev. Paed. Therapy	762
Occupational Therapy	2,497
Speech Therapy	3,280

ENT Therapies

2,710

Gastro

Endoscopy Procedures	10,525
----------------------	--------

Haematology

Bone marrow transplants	191
-------------------------	-----

Head and Neck Surgery-I

Therapeutic treatment	237
-----------------------	-----

Nuclear Medicine

Nuclear Therapy	238
-----------------	-----

Nephrology

Kidney Dialysis	32,238
Kidney Transplants	5

Neurology

Radiosurgeries	39
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Ophthalmology

Eye operations	3,396
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Pharmacy

No. of items dispensed	1,22,73,806
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PMR & Rehab

Prosthetic and Orthotic Appliances	22,430
Occupational Therapy treatments	45,756
Physiotherapy treatments	2,38,238
Speech Therapy treatments	6,794



Blood Transfusion
52,713



Kidney Transplants
5



Bone Marrow Transplants
191



Eye Surgeries
3,396



Dental Procedures
32,249

Pulmonary and Respiratory

Respiratory Therapies	1,367
Interventional Pulmonary Procedures	149
Sleep & CPAP	165

Radiodiagnosis

Interventional Radiological & Angiographic Procedures	4,412
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Radiation Therapy

Brachytherapy	151
Chemotherapy	1,349
Radiationtherapy treatment	1,954
Stereotactic Radio Surgery and Radio Therapy	98

Rheumatology

Procedures	1,596
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Surgeries

Main OR, CB and Day Care	22,109
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Urology Procedures

480

Quality Management Cell

Provision of N95 Mask for Staff

Rational use of N95 mask was a hurdle during COVID as the demand increased exponentially. Only staff who were authorised by the Mask and Supply committee were given N95 masks. The institution developed a policy on re-use of N95 mask in non-COVID areas to handle the crisis.

Quality Management Cell (QMC) was entrusted to establish protocols for re-use of masks. QMC opened four counters across the hospital.

Staff in non-COVID areas were issued 6 masks for 36 days with one cycle of sterilisation in-between. However, new masks were issued to all staff working in COVID areas everyday. As the demand came down, sterilisation of N95 mask was stopped. During the second wave, the N95 issue was efficiently managed by QMC.



N95 mask counter – A block basement N95 mask counter Main OR entrance

Facilities for Staff in COVID Ward

In the COVID wards, shower facilities and change areas were created. Staff were provided toiletries so that they could shower and change post duty before going home.



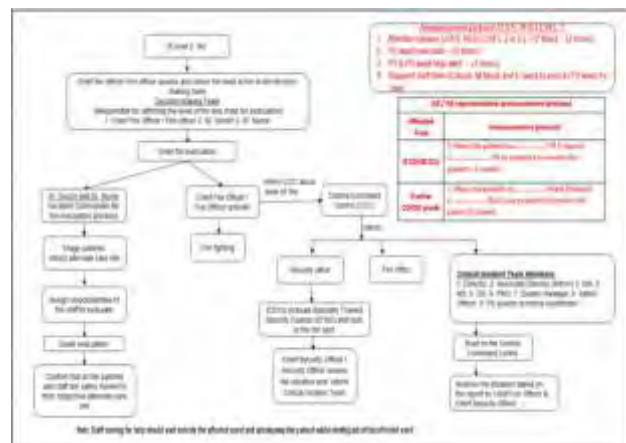
Planning and Designing of Patient /Staff Movement Route

Protocol on staff and patient movement in the hospital and related mapping was done by QMC, in consultation with various stakeholders, to ensure that there was minimal overlapping of COVID and non-COVID patients/staff.



Fire Emergency Protocol for COVID wards

QMC and Safety Cell prepared protocols for managing fire emergency in COVID wards. The staff in COVID wards were trained on the protocol. The fire team rehearsed the protocol several times. The Mock fire drills were conducted in COVID wards to assess preparedness. In order to prevent fire, preventive maintenance are carried out regularly in all COVID areas.



Fire Emergency Evacuation Protocol - COVID Wards (level 2)

Emergency Vehicle Pass for Staff

During the lockdown, emergency vehicle passes were facilitated for employees so that work in the hospital could continue.

Social Distance Stickers for Chairs in Waiting Areas



The following audits related to COVID were carried out

1. A Study on time taken for admission into COVID-19 wards
2. A Study on time taken for discharge from COVID-19 wards.
3. Audit on COVID-19 patient satisfaction with services in CMC
4. Audit on staff feedback on the facilities. provided to staff working in COVID-19 areas.
5. Audit on completeness of online IP chart documentation for COVID-19 patients
6. Audit on completeness of online discharge summary of COVID-19 patients
7. A study on medical oxygen gas consumption during COVID and forecasting the need.

All audits were presented to the administration for corrective actions.



A Mock Fire Drill in Front of the New Paul Brand Block

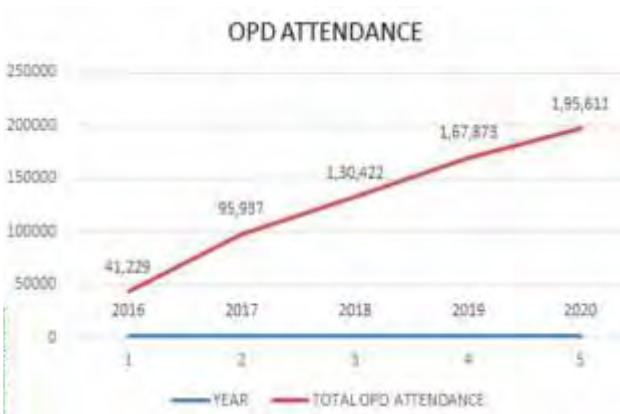
CMC Vellore, Chittoor Campus

The 2020 - 2021 period will be remembered more than anything else for the effect of and response to COVID. The first wave (2020) as well as the second wave (2021) saw the establishment of the outpatient fever clinic for rapid triage and a SARI (Severe Acute Respiratory Illness) ward. During the first wave, a 12-bedded inpatient facility for COVID care was established. The second wave was much more intense, and the bed strength had to be scaled up to 38 beds. All streams of hospital staff worked overtime as well as above and beyond the call of duty to meet the sometimes-overwhelming need.

While the first wave saw a paradoxical increase in the number of patients in Chittoor Campus despite

the lock down, probably because government hospitals had been converted to COVID centers, the second wave brought with it a sharp decrease in outpatient attendance, mostly due to strict travel restrictions for patients. However, obstetric services continued to be in high demand, and emergency services in all specialities were offered.

The number of elective surgeries showed a significant drop after March 2021, mostly because of government regulations requiring us to limit elective surgical work. In addition, the surgical units from main hospital also stopped operating in Chittoor campus from March 2021.



Working Women's Hostel, Chittoor Campus

Kannigapuram Campus



CMC Vellore Kannigapuram Hospital

From a single bedded dispensary to a multi-campus hospital - the growth of CMC Vellore has been indeed a work of God. The latest addition to this is the ever evolving and developing Kannigapuram Hospital. The hospital is dedicated to catering to the trauma needs and is emerging as a state-of-the-art Level I trauma care hospital and the first of its kind in India with more than 1000 beds.

Over the years, the campus has been rapidly developing and unfortunately when the pandemic hit, the campus which was originally meant for trauma was redesigned temporarily to cater to the COVID needs. This campus was a blessing in disguise where many patients were housed and many lives were saved.

Haemodialysis Facility

A 40-bedded haemodialysis facility and a 10-bedded peritoneal dialysis facility are being set up at the Kannigapuram Campus. Some of the dialysis beds in the Town Campus in Vellore will be retained for local patients and those with severe acute kidney injury, who require dialysis support until recovery of kidney function.

COVID Care Centre

The Kannigapuram Campus located in the District of Ranipet inaugurated its 400-bed facility for COVID -19 patient care on 17th June, 2020. The District Collector of Ranipet, Tmt. S. Divyadharshini, IAS, declared the centre open in the presence of the Director of CMC, Dr. J.V. Peter and Associate Director of Kannigapuram Campus, Dr. Anil Kuruvilla.

With the onset of the Corona Virus pandemic, the need of the hour led to the construction of the COVID -19 patient care facility which will be developed in three phases. This facility treated a spectrum of COVID-19 positive patients .

During the first wave of the pandemic only asymptomatic or mildly symptomatic patients were treated here. However in the second wave, due to the huge need, patients with severe illness were also treated. Three ICU pods were additionally commissioned for this purpose.

Green Initiatives

The Kannigapuram Campus has been designed to maximise the use of alternate sources of energy. Solar panels generate power with zero emission and thus reduce the carbon footprint. The solar plant is estimated to produce 2.9 million units (kwh) per year with reduction of 1% per year.

A 2000 Kilo Watt solar photovoltaic (PV) system as 5 sets of 400 KW, which perfectly replace conventional energy needs with green energy has been installed. This will reduce electricity

demand by more than 1000 to 1600 KW during peak usage. The power capacity of the panels on the roof top is 822 KW and 1178 KW on the car park structure.

The cost saving is expected to pay back the total project cost and loan interest in less than five and a half years. After this period, CMC benefits from the power at a small maintenance cost.

This solar PV system is expected to meet 20 % of the hospital's energy consumption.



Pastoral Care

Special Ministry during COVID 19 from Chaplaincy



The chaplains ministering in the hospital, faced challenges from the pastoral care dimension. Initially they were unable to visit and pray for the patients as during the previous days or comfort the grieving families as before. They were not able to support and mentor staff and students as usual. But through the Grace of God and the support of the administration, they were able to step in and help just like other healthcare professionals, after receiving adequate training on infection prevention measures, to those who requested their help.

Prayers from the Chapel: The pastoral care team was involved in offering prayers from the main chapel and it was also broad casted. Music was broad casted during the day. Biblical words on healing in different languages was displayed in the main chapel.

Worship services: When the chapel was not available for the public worship services were conducted online and live streamed through the online platforms.

Telephone Prayers: Chaplains offered prayers through the telephone for patients who requested such prayers.

Care for the grieving: When a death happened, the Chaplains would call the family members and provide them comfort through prayer.

Funeral arrangements: Whenever, there was a death of someone who did not have a local priest/pastor to care, a Chaplain was available to officiate the funeral prayers and burial. All these burials were conducted as per protocols laid by the government.

Continuous ministry: ' On-Call' mobile pastoral care was carried out 24 hours for those who needed to approach a Chaplain. The Chaplains were available in the Chaplains' office space for patient relatives or staff members to walk in. Bible studies, classes and retreats were conducted online during the pandemic.

"We are grateful to God, our colleagues, healthcare team and friends for the care and support we received. We thank God for God's mercies, comfort and healing touch. We pray that God will deliver us from this pandemic completely."

The Rehabilitation Institute



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.

Prosthetic and Orthotic Appliances	22,430
Occupational Therapy Treatments	45,756
Physiotherapy Treatment	2,38,238
Speech Therapy Treatments	6,794
Gait & Video Analysis	90



Chapel at the Rehab Campus

Education

Show me your ways, O Lord, teach me your paths; guide me in your truth and teach me, for you are God my Saviour.

Psalm 25:4-5

ASHA EDUCATION BUILDING

Medical Education

COVID-19 and CMC Academics

The strength of the academic programme in CMC Vellore has been the depth of the faculty student interaction, coupled with a rich opportunity for clinical experience. Unfortunately, both these strengths were strongly tested with the advent of the COVID-19 pandemic in early 2020.

Online Systems

Online classes were initially started while the students were in hostels, but later students were permitted to continue their classes at home. Processes to provide all students with a Microsoft ID and email ID were streamlined so that within a short period, all students in CMC were enrolled into this programme, and an authenticated identity was available to login to online services.

Challenges Faced

The primary challenge was not as much the technical aspects of internet connectivity as much as the challenge in changing one's teaching methods to adapt to the online platforms. An initial period of hesitancy was present where most faculty were doubtful about the usefulness and effectiveness of online teaching. A valid query was whether one should wait out the pandemic until physical classes were possible again.

Innovations

- As the pandemic wore on, however, there was an increased acceptance from all stakeholders and then what ensued was a period of innovation and dedicated teaching and learning from both the faculty and students.
- Student seminars, virtual cases, student videos, quizzes, and telephonic interviews were some of the methods tried out.
- This was also a time when different departments invested time and funds in creating digital resources like videos, case scenarios, illustrations and photos.
- Assessment methods were also modified to be compatible with online platforms.

- The new E-learning site was started based on the Moodle platform, where students could login using their email ID.
- Periodic feedback was obtained from students to ensure that the classes were as effective as possible. Wherever possible student feedback was incorporated into the academic programme.
- Specific Groups were also created for each batch, so that batch activities such as batch prayers, batch meetings etc could be held in addition to the regular classes.

The New Normal

Students were called back to the hostels between December 2020 and January 2021. The priority then was to provide as much clinical exposure as possible while maintaining adequate safety precautions. Students were sent to clinics in small groups. Adequate personal protection was provided for each student and transport and classes were re-scheduled for this purpose. Online classes continued for theory sessions, while practical classes were on-site.

Protocols were also decided for quarantine periods and for students who could possibly become unwell. During this period students had a rich clinical exposure, primarily in the subjects for which they were to have examinations.

This period was also the time when the new batch of MBBS students joined in. The initial period of quarantine in hostels was used to have an online foundation course. The first year MBBS students joined in for physical classes after the foundation course.

The Impact of the Second Wave

As per government regulations students were asked to vacate their hostels. The final years were exempted from this however and were permitted to remain for their examinations. This was quite a disappointment for both faculty and students, who were gearing up for on-site classes and clinics. However, as the systems for online classes were already in place, classes were swiftly moved to the online platform again.

The final year examinations for MBBS were conducted and were possible and a new batch of interns joined our institution.

Reflections

Education in CMC has changed during the pandemic. Bed-side teaching has not been possible to the extent it was before. Faculty have now become familiar with online classes and training sessions are underway to optimize their experience. Windows of time of on-site teaching are being utilized to maximize clinical teaching.

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 needy.

The Department of Distance Education

The Distance Education Unit envisions an exponential increase in trained human resource for quality healthcare delivery, with a special focus on reaching the poor and marginalized in India and similar developing countries. The department strives to achieve this by training all categories of health workers (doctors, nurses, allied health professionals, medical / nursing students and community volunteer workers through targeted curricula that provide standardized theoretical and practical training conducted at more than 20 centers throughout the country. Distance Medical Education uses all the andragogy methods aided by advancing technology and delivers learning material through problem-based self-learning modules, video-lectures, video-conferencing, face-to-face contact programmes and other innovative teaching-learning methods.

The department also provides Training of Trainers (ToT) and faculty development for all courses thus increasing training capacity. In collaboration with universities abroad, the department also provides courses with relevant curricula for international students thus impacting healthcare in other developing countries.



Christian Medical College Vellore

COVID-19 Public Lecture Series - (COVID PULSE)

"Communication, non-escalation and end of life care for COVID19"

Communication with patient and family, issues of escalation/non-escalation:
Dr. JV Punitha, Associate Professor, Department of Medicine, CMC Vellore

Palliative care for COVID 19:
Dr. Jenifer Jehu, Professor, Department of Palliative Care, CMC Vellore

Pastoral care, death and dying in COVID 19:
Rev. Dr. Arul Dhas, Head of the Department, Chaplaincy, CMC Vellore

Moderator: Dr. Tarun K George
Associate Professor, Department of Medicine, CMC Vellore.

Monday, 5th October, from 4-5 pm.
(questions from the audience can be sent as a Chat message)

Zoom Meeting link :
<https://us02web.zoom.us/j/83344977984?pwd=YSM2WEllUXkwOWk1ckhJL3l1M0R0Zz09>
Zoom Meeting ID: 833 4497 7984
Meeting pass code: 944292

Coordinated by:
COVID Command Centre - Training Team
CMC Vellore

Suraksha Course

- Started in August 2020
- Programme continuing to date
- 156 community volunteers trained so far
- Course available in English, Hindi & Tamil. Kannada and Marathi will be available soon.
- Short course for community volunteers to understand the basics of the pandemic with a focus on preventive measures
- The Distance Education Unit has been involved in helping create modules for training of staff within the institution
- Five-case based scenario course for all doctors being deployed to the covid wards
- Course in NIV treatment for Covid care.

COVID Training Programmes

- Integrated Covid Training Programme for health professionals (with a focus on critical care) - supported by TATA Trusts June - December 2020
 - Additional 3 months continued by Distance Education to finish those who enrolled later in the programme
 - Total of 300 health professionals trained
 - Online Faculty Development Programmes (FDPs) conducted online skills workshops
- ### CMC COVID Training
- The Distance Education Unit has been involved in helping create modules for training of staff within the institution
 - Five-case based scenario course for all doctors being deployed to the COVID wards
 - Course in NIV treatment for COVID care

Nursing Education

Since its humble beginnings in 1909, the College of Nursing, Christian Medical College, Vellore has witnessed transformation of scores of young students who have gone through its portals and involved themselves in changing lives all around the world, through their exceptional nursing knowledge and skills. The journey of nursing education in CMC, Vellore in pursuit of professional excellence is replete with exemplar stories of resolute vision and shared commitment.

Dr. Ida Scudder's vision of training Indian women to be qualified nurses, supported by strong resolve and planning of Ms. Delia M Houghton and Ms. Vera Pitman, led to the establishment of the School of Nursing in 1909 with 15 girls in the first batch. It evolved into a structured Diploma Nursing programme in 1932, after which the College went on to start India's first degree course (1946), postgraduate courses (1969) and doctoral programmes (1994).

Today it provides Collegiate Nursing Education to 900 undergraduate and postgraduate students including Doctorate in Nursing.

College of Nursing, CMC, Vellore shares the same commitment of pursuit of professional excellence in the Spirit of Christ, as its parent institution, training young men and women in the art and science of nursing, to care especially for the disadvantaged and marginalized.

Considering value-based nursing education as one of the chief elements for the success of any healthcare institution, the College follows a curriculum that is designed with a strong theoretical foundation and emphasis on clinical experience. The emphasis is to train nurses who will serve in the spirit of Christ and will be compassionate, well-informed, superiorly skilled and ethically sound. It uses a unique integration model of education and practice since 1968, whereby the extensive direct clinical experiences of the teaching faculty reflect in their theoretical instruction. Students instructed in this manner have a reduced knowledge-practice gap, which in turn help maintain the standards of patient care. The students thus trained have gone out to various parts of the globe to be change agents. Many of the alumni have committed themselves to the service of the underprivileged.

The College seeks to sensitise the students to the relevance and challenges of health care in secondary hospitals in different parts of India. The week-long experience of BSc Nursing students in mission hospitals enables them to absorb the healthcare dynamics in secondary hospitals and health needs of rural India. This programme adds on to their experiences in Community Health Nursing, preparing them to competently work in any health care setting. The College of Nursing Community Health Nursing department (CONCH) is unique in its set up as it has urban, rural and tribal programmes and exercises integration of service and education. Thereby it also provides wealth of experience to the nursing students of all levels to acquire clinical competence in caring for individuals, families and communities.

Being one among 36 centres of excellence that make up the Global Network of WHO Collaborating Centres for Nursing and Midwifery Development and one of the two such centres in India, the College of Nursing serves as a resource centre for nursing and midwifery development and for education and training of teachers of nursing in different parts of the country. In partnership with Nurses League of the CMAI, the College actively

seeks to strengthen the standards of nursing education in the mission hospitals. The College has also initiated collaboration agreements in education, service and research with overseas universities including Pennsylvania, Kansas, Washington, Columbia, USA and York University, Yonsei University, Republic of Korea and more recently with the John Hopkins University School of Nursing, Baltimore, USA through which faculty and students engage in capacity building and collaboration of research and education.

The nursing faculty and staff as frontline workers in the COVID-19 pandemic are involved in planning, organizing and setting up of wards to admit COVID patients, screening, training of nursing personnel and patients on the management and prevention of COVID-19 and an enormous role in creating awareness and administering vaccinations. Faculty have undertaken research projects on Psychological impact of COVID-19, perceived social support and stigma among patients with COVID-19 infection, fear and resilience of nurses working in COVID-19 areas and others. COVID-19 pandemic has posed lot of challenges in online teaching. The faculty became familiar and confident is using different online platforms and innovative methods of providing online skill training to the students. The virtual interactive student exchange programme with College of Nursing, CMC and School of Nursing, Kansas University Medical centre, USA was conducted to deliberate on the impact of COVID-19 on various populations in different geographic locations.

The College realizes its responsibility towards bright aspiring students hailing from marginalized fringes of society. Students requiring financial assistance are offered scholarships that help them realize their dream of obtaining professional education. College of Nursing, Christian Medical College is rated as second best college under the Education World INDIA higher Education Rankings in India in June 2021.

The College fosters a milieu for student nurture and to this end, along with academic and clinical excellence, emphasis is given for spiritual development of students. Retreats, Bible classes and community worship on Sundays enhance their spiritual growth. This holistic approach of education helps them to imbibe the motto of the institution 'not to be served unto but to serve'.

Research 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 2020 to March 2021, a total of 1485 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 faculty 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.

Research Grants	Numbers Approved	Value
Internal	469	Rs.5,70,98,118
External	142	Rs.65,77,36,732

The IRB reviewed a total 206 COVID related studies by faculty and Post graduates

Study Category	Count
Healthcare Workers	21
Patients / Community-Observational	161
Patients - Clinical Trial	12
Lab / Animal Studies	3
Product Development	9
Total No. of COVID related studies	206

Medical Academia Directory

Distance Education Programme

M Med - 1
Master of Medicine in Family Medicine
PGDFM - 1
Post Graduate Diploma in Family Medicine
PGDFM Govt TNHSP / NRHM - 1
DFID - 1
Distance Fellowship in Diabetes Management
CLHTC - 1
Community Lay Leader's Health Training Certificate
PGDG - 1
Post Graduate Diploma in Geriatric Medicine
CGD - 1
Certificate in General Dentistry

College of Nursing Course

Total Number of Undergraduate Courses - 2
B.Sc. Nursing
General Nursing and Midwifery
Total Number of Postgraduate Courses - 2
B.Sc. for Trained Nurses
M.Sc. Nursing
Total Number of Post Diploma Courses - 12
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
Total No. of Fellowships in Nursing Courses - 4
Family Nurse Practice
Haematology Nursing
Respiratory Nursing
Paediatric Critical Care Nursing

Allied Health Sciences 2020-2021

Undergraduate Courses - 19
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

P.G. Diploma Courses - 12

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

Diploma Courses - 12

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)

Post Graduate Degree Courses - 4

Master of Physiotherapy
Master of Hospital Administration
M.Sc. Nuclear Medicine Technology
M.Sc. Clinical Nutrition

Medical Courses

Undergraduate Courses

MBBS

Postgraduate Fellowship Courses - 6

Accident & Emergency Medicine
Advanced General Dentistry
Diabetes
Palliative Medicine
Neonatology
Laser Dentistry

Postgraduate Doctoral Fellowship Courses - 66

Anaesthesia

Cardiac Anaesthesia*
Neuro Anaesthesia*
Advanced Clinical Anaesthesia and Peri-operative Medicine
Paediatric Anaesthesia
Regional Anaesthesia and Pain Management

Cardiology

Clinical Cardiac Electrophysiology*

Critical Care Medicine

Critical Care Medicine

Dental

Advanced Training in Oral & Maxillofacial Surgery

Dermatology

Paediatric Dermatology
Advanced Medical Dermatology
Dermatosurgery

Endocrinology

Diabetology*

Endocrine Surgery

Breast & Endocrine Surgery

ENT

Audio vestibular Diseases *
ENT - Head & Neck - Skull Base Surgery
Implantation Otolary*
Paediatric Otorhinolaryngology*
Laryngology and Phonosurgery
Rhinology

Gastrointestinal Sciences

Advanced Gastrointestinal Endoscopy

Haematology

Bone Marrow & Stem Cell Transplantation
Clinical Haematology
Molecular Haematology

Hepatology

Clinical Hepatology

Medicine

Clinical Genetics
Emergency Medicine*
Geriatric Medicine
Microbial Medicine and Infections Control*
Neurocritical Care

Nephrology

Interventional Nephrology
Renal Transplantation

Neurology

Paediatric Neurology

Neurosurgery

Neurosurgery Spine
Paediatric Neurosurgery
Skull Base Neurosurgery

Obstetrics & Gynaecology*

Reproductive Medicine*

Orthopaedics

Paediatric Orthopaedics*
Short Fellowship in Paediatric Orthopaedics
Spinal Disorders Surgery
Hand & Reconstructive Microsurgery*

Pathology

Cytogenetics*
Laboratory Haematology
Haematopathology
Neuropathology
Molecular Pathology

Paediatrics

Developmental Paediatrics
Paediatric Infectious Diseases
Paediatric Intensive Care
Paediatric Nephrology*
Neonatology
Paediatric Emergency Medicine
Acute Care Paediatrics
Paediatric Hemato-Oncology

* New University Courses started from 2020

Psychiatry
Child & Adolescent Psychiatry
Radiology
Cardiovascular & Thoracic Imaging
Cross Sectional Imaging
Neuro & Vascular Interventional Radiology*
Paediatric Radiology
Respiratory Medicine
Allergy, Asthma & Immunology
Pulmonology
Rheumatology
Advanced Arthritis, Rheumatism & Autoimmunity
Surgery
Colorectal Surgery
Head & Neck including Microvascular Reconstructive Surgery
Upper GI & Bariatric Surgery
Phlebology

Postgraduate Diploma Courses (2 Years) - 11
Anaesthesiology (D.A)
Child Health (D.C.H)
Clinical Pathology (D.C.P.)
Dermatology, Venereology, Leprosy (D.D.V.L)
Otorhinolaryngology (D.L.O)
Obstetrics & Gynaecology (D.G.O)
Ophthalmology (D.O)
Orthopaedics (D. Ortho)
Psychological Medicine (D.P.M)
Medical Radio Diagnosis (D.M.R.D) *
Medical Radiotherapy (D.M.R.T)

Postgraduate Degree (MD / MS Courses) 2 Years (Post Diploma) & 3 Years - 26
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)
Emergency Medicine (3 Years)

Higher Specialty (DM / M.Ch) - 3 & 6 Years) - 28
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
Virology
Pulmonary Medicine
Neuroanaesthesia
Interventional Radiology
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
M.Ph. (Master of Public Health)

* University courses New courses started from 2020

Laurels and Recognition



- **"Workplace safety during the COVID-19 pandemic"**: 1st prize awarded by the Consortium of Accredited Healthcare Organizations (CAHO) for the very large hospitals category (over 600 beds) on 17th September, 2020.
- **"Excellence in Hospital Preparedness for COVID-19"**: awarded by the Federation of Indian Chambers of Commerce and Industry (FICCI) award on 29th September, 2020.
- **"India Today Healthgiri Awards" for the Best Charity Hospital combating COVID-19**. The award was given virtually by Dr. Harsh Vardhan, Union Minister of Health and Family Welfare along with Mr. Aroon Purie, Chairman and Editor-in-Chief, India Today Group on 2nd October, 2020.
- CMC Awarded the Best Transplant Hospital for the year 2019-2020, at the Indian Organ Donation Day conducted by Transplant Authority of Tamil Nadu, Chennai on 27th November, 2020. The award was received by Dr.K.Prasad Mathews, Medical Superintendent.



- The award for being one of the best Transplant Co-ordinator in the Deceased Donor Programme for the year 2019-2020 was awarded to **Transplant Co-ordinator, Mr. P. Jaishankar, M.S. Office** by the Health Secretary Dr. J. Radhakrishnan.
- **CMC receives the D.L. Shah Quality Award - Gold for its "Continuous Quality Improvement in Central Sterile Supply Department"** through a virtual award ceremony on 17th December, 2020. The D.L. Shah Quality Award was instituted in 2007 by the Quality Council of India (QCI) with a view to promote awareness of quality initiatives and adoption of best practices. It recognises successful projects that have resulted in tangible improvement.
- **Department of Neurology has been awarded the World Stroke Organization (WSO) - Angel's Platinum Award - 2020 for excellence in Stroke Care**. This is a recognition by the WSO to acknowledge and honour the hospitals that are effectively committed to high standards of stroke practice globally.
- **The Department of Hepatology** is pleased to announce that 200 patients with various liver failure syndromes have undergone plasma exchange (PLEX) procedure to date.

Laurels and Recognition

- The **Department of Biomedical Engineering**, Christian Medical College, Vellore has been granted the National Accreditation Board for Testing and Calibration Laboratories (NABL), accreditation.
- Ms. Jayanandhini, Respiratory Therapist, Department of Pulmonary Medicine secured the new world record by drawing 100 posters on 'no smoking awareness concepts' in 6 hours, 53 mins and 59 seconds. This event was organised on the occasion of World COPD day on 18th November, 2020. This achievement is registered in Kalam's world records.
- Dr. J.V. Peter, Director, CMC, Vellore was awarded the "Indian Society of Critical Care Medicine (ISCCM) Presidential Citation for the year 2020 for contributions to the society during the year 2020 at the Annual General Body Meeting of the ISCCM which was held on 27th February, 2021.
- **Professor Grace Korula**, retired Head of Anaesthesia for being conferred the Distinguished Teacher Award by the Indian Society of Neuro anaesthesia & Critical Care in the virtual Annual National Conference held on 24th to 26th, January 2021.





Report on the First Primer on Paediatric Renal Transplant and Immunology Workshop



Dedication of the New SHALOM Family Medicine Centre.



Dedication of New Call Centre Dec 2, 2020



60 saplings planted to mark World Environment Day, 2020 on June 5 (1)

Events

2020

- March 5 to 7 Report on the First Primer on Paediatric Renal Transplant and Immunology Workshop.
- June 01 Dedication of the New SHALOM Family Medicine Centre.
- June 01 Inauguration of the Department of Trauma Surgery
- June 05 60 saplings planted to mark World Environment Day, 2020
- June 11 CMC Ranked Third by the National Institutional Ranking Framework.
- June 17 CMC Kannigapuram Campus inaugurates COVID-19 facility.
- June 17 First Convalescent COVID-19 Plasma Donor at Christian Medical College Vellore.
- August New Stem Cell Therapy for the Treatment of Osteogenesis Imperfecta.
- October 09 Inauguration of the Radiology Suite at CMC Vellore, Chittoor Campus.
- October 31 Inauguration of 'Aashraya' - A Chatram for CMC Vellore, Chittoor Campus.
- December 02 Dedication of the New Call Centre.
- December 09 Being Ida - Celebrating 150 years of Dr. Ida S. Scudder. Dr. Ida S. Scudder Humanitarian Oration.
- December 16 Dedication of the New State-of-The-Art Donier Compact Delta III Lithotriper.
- December 19 Dedication of the Phase Two Apartments at CMC Vellore Kannigapuram Campus.

2021

- January 20 COVID Vaccination Roll Out.
- February 02 Celebrating India's First Kidney Transplant.

Events

- February Intra-gastric Balloon – A New Modality for Weight Loss.
- March ASHA-funded State-of-the-Art Equipment at the Departments of Obstetrics and Neonatology, CMC, Vellore.
- March 04 Operation Theater Dedicated in Memory of Dr. Sunil Agarwal at KMF, Kotagiri.
- March 08 International Women's Day – 2021.



Radiology Suite Inauguration on October 9, 2020

Institute ID	Name	City	State	Score	Rank
IR-D-N-15	All India Institute of Medical Sciences	New Delhi	Delhi	90.59	1
IR-D-U-0079	Pond Graduate Institute of Medical Education and Research	Chandigarh	Chandigarh	80.06	2
IR-D-C-45054	Christian Medical College	Vellore	Tamil Nadu	73.56	3

CMC Ranked Third by the National Institutional Ranking Framework (NIRF) on June 11, 2021



Operation Theater Dedicated in Memory of Dr. Sunil Agarwal at KMF, Kotagiri on March 04, 2021 (1)



Inauguration of 'Aashraya' at Chittoor Campus on Oct 31, 2020

Support Services

Dietetics

Number of Inpatient diets served including SARI Diet	2,05,054
Number of patients seen in Outpatient Department	11,857

Central Sterile Services Department (CSSD)

Number of items sterilized	48,63,229
Articles supplied to OPD	4,14,145
On daily average packs	13,323

CHIPS - Centralized Hospital Information Processing Systems

The Department of IT in CMC, commonly known as CHIPS (Centralised Hospital Information Processing Systems) designs, develops and maintains the software that operates within the Clinical, Administrative and Office Networks. CMC has deployed a fully Integrated hospital information system (HIS) for the Main Hospital and peripheral centres which encapsulates the functions of various areas of the hospitals. The CMC Network includes CMC main campus and ten other associated campuses.

The department has computerised and integrated modules for patient registration and appointments. The Admission-Discharge-Transfer (ADT) , nursing, outpatient and inpatient billing and modules for other service departments are run by CHIPS. The clinical workstation is the interface by which clinicians and support staff can view and manage patient data and the Human Resource module manages staff, retired staff, student and dependent data.

The Finance Module integrates the financial aspects of all the programs and provides financial statements as per the standard.

The Patient Portal provides access for patients to book appointments, pay bills and download reports including an International Relations Office (IRO) which helps International patients who need appointments or help with visa extensions etc. Several mobile apps (Blood Bank, Paediatric Emergency, etc.)

All programmes have built-in security with authentication for various levels of information. All data is captured at the point of service. The database is Oracle and is built

The database is Oracle and is built on a RAC (Real Application Cluster) environment which handles load balancing and failover, delivers high performance, increased throughput, and high availability of the database for 365x24x7 environments.

In the year Apr 2020 – Mar 2021 the following major modules, among others, were developed and released:

- COVID Related Modules
- Teleconsultation
- Patient Portal
- Patient Mobile App
- Web Chat
- RMU Lab Module to Manage Reports and Samples
- Pharmacy E-meds (Medicine Delivery System) in web/mobile
- CSCR Admin LAN
- PF Investment module
- Department Inventory
- Inventory Management for CRS
- E-G R Note implemented
- Common Patient ID: Linking CHAD and Main hospital



Electrical Engineering

Lifts : 80 Nos. (All campuses)

Generators : 57 Numbers

Transformers : 42 numbers

Solar Pannels : 214 Kwp

Solar units generated: 2,27,711 Units.

Centrilised UPS : More than 1000 KV

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 department maintains the networks for TANGEDCO supply, generator supply and central UPS supply and the various components & switch gears associated with it.

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.

Environmental Engineering

The Department of Environmental Engineering Unit ensures the provision of uninterrupted drinking water supply .

- » 22.6 Lakhs litres of drinking water was provided per day to the CMC town campus
- » 2.80 lakh litres per day to the Kagithapattarai campus
- » 88,000 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	34
Number of minor projects	41
Overall value	Rs.12,61,12,987.00

Transport

Total kilometers covered by CMC vehicles during the year 2020–2021= 5,29,164 kms.

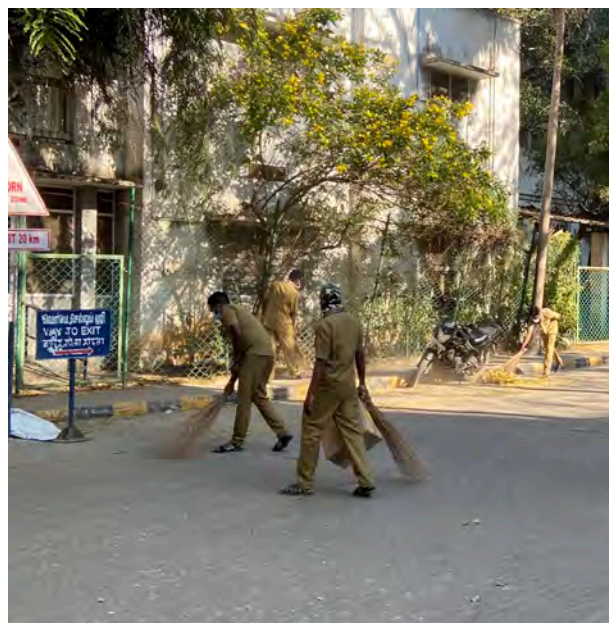
Average Kilometres run by CMC Vehicles per day	1505 Kms
Average No. of trips taken by CMC Vehicles per day	144 trips
Average No. of Taxi trips per day	30 Trips
Average number of requests processed per day	30 Requests

Laundry

Pieces of linen handled per year	51,52,733
Average per day	14,121

Postal

Numbers of articles despatched	21,639
Number of Parcels sent	581



Hospital Maintenance

The Hospital Maintenance Department works under the General Superintendent. They are engaged in the external general cleaning of hospital and residential areas in the main campus. Mrs. Annie Valsan, AGS is the Head of the Department; the day to day activities are organized by the In-charge & Supervisor Mr.J.Sathish Kumar. Admin, O & Q block external corridors, stair cases, sunshade slaps, AHU plat form, roof sheet and patient waiting hall Sweeping, Mopping, Public drinking water sink washing, hand rails wiping & High Dusting. Additional Area (IRO/PPF/ ACCESS & Staff Canteen,ELS Block

The office and Operation Theater and MICU public waiting hall Bathroom cleaning, (Toilet & Sink) in the Admin, O, Q & Engineering Block.

Collecting the Bio Medical waste and non-infectious waste from all wards and ICU including OPD services. Collecting the Empty glass bottles, vials and plastic bottles from all wards, ICU's, Main OR & CB theater, Casualty, ISSC and A block

- Also taking part in Special Events stall and road cleaning on Christmas Carnival, Hospital Day & Environmental Day celebration
- Coordinating with PCI operation team – regarding pest services in Main, KPTR CON and Schell campus
- Coordinating with Ken Bio link – BMW segregation and transportation.

College Maintenance

College Maintenance department, Bagayam, Campus is one of the departments under the General Superintendent, CMC Vellore. The takes care of maintenance of Civil works and also Electrical & Plumbing works in the Campus.

Functions:

- Provides un-interrupted power supply and water supply.
- Rectifying the daily complaints regarding Electricals, Plumbing & Civil works to all Department, Residents (402 Nos.), Hostels, Guest Houses and peripheral units (CHAD, MHC & Rehab) at college campus. We are also covering the areas of Adukkambarai and Kaniyambadi campus.
- The department takes care of the roads, boundary walls, streetlights, lifts, generators, water supply motors, sewage motors, and disposal of dried trees and garden waste in the College campus.
- The department provides supports to the all physical arrangements required for all institutional functions like Graduation days, council meetings, hostel days, Seminars and conferences etc in the college campus.
- The department maintains and takes care of the functioning of the College Lagoon and providing recycled water to the garden areas in the college campus.
- The department provides required necessary supports to the solid waste management centre.
- The department takes care of the Furniture inventory of the Houses and also doing necessary maintenance works during the vacant time and handing over to the new occupants.
- Maintenance of Transformers and Generators
- Cleaning of water tanks
- Maintenance of Pumps and motors
- Terrace cleaning
- Maintenance of College Lagoon
- In addition to the above maintenance job, white washing, painting and Garden Maintenance work have been done.



Know your Administrators

Christian Medical College Vellore Association

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	Dr. Vinay Timothy Oommen (UG)	Dr. Aby Abraham (OP Services)
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	Additional Vice Principal	Nursing Superintendent
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	Dr. Priya Mary Mammen	Mrs. Sophia Lawrence (Quality Management)
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	Deputy Dean	Associate General Superintendents
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	Additional Deputy Deans	Mr. Reni Charles (Materials Management)
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	Mrs. Ida Anitha Nagomy R	Dr. Samuel N.J. David, (Campus maintenance, external manpower services, canteen & dietary).
	Mrs. Reena Rachel George	Associate General Superintendent _(Ag)
	Mrs. Sarah Emma Rosalind J	Dr. Lallu Joseph (Planning & Projects)
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	Deputy Registrars (Nursing)	
	Mrs. Sheeba Rani P	
	Mrs. Shandril Gnanatheebam R	
	Medical Superintendent	
	Dr. K. Prasad Mathews	

* As of 30th July 2021

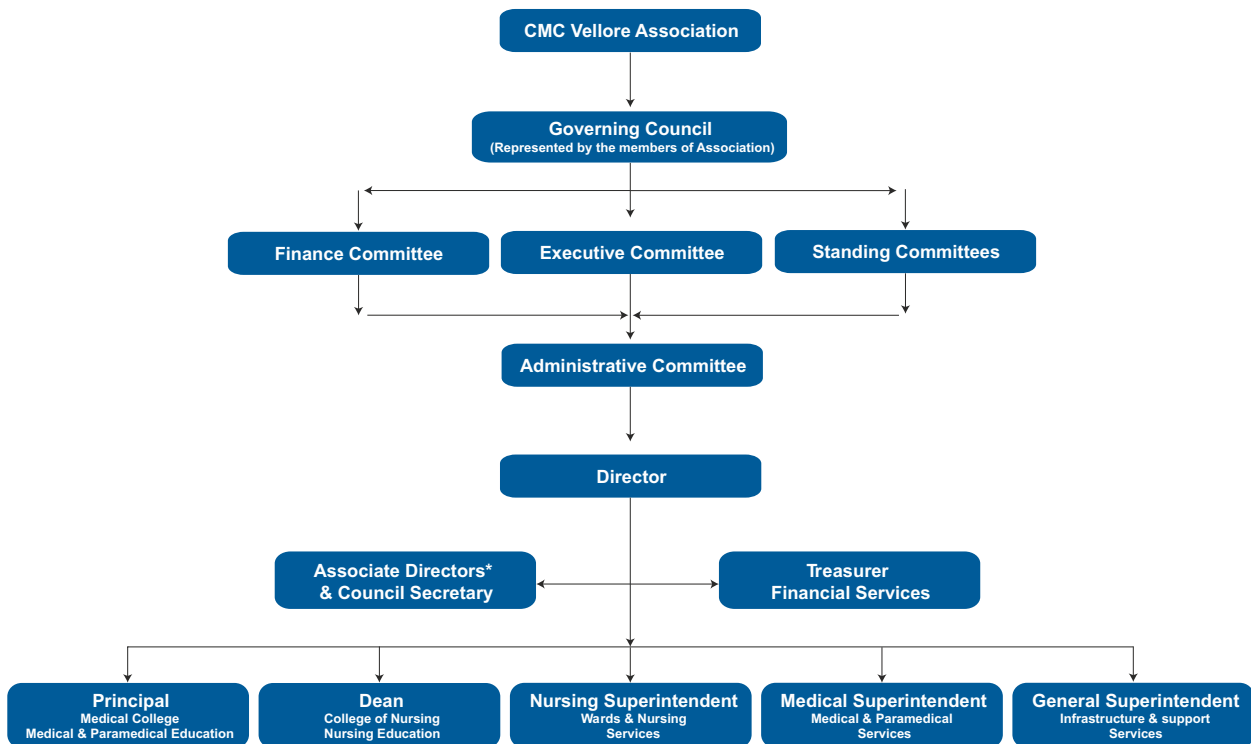
Roster of Heads of Departments and Units

Department / Unit	Head	Department / Unit	Head
Accounts	Mr. Abraham Oommen	Dental and Oral Surgery	Dr. Jagadish Ebenezer*
Academic Office	Dr. John Roshan Jacob	Dental - I	Dr. Siby Simon S.
Anaesthesia - I	Dr. Tony Thomson Chandy	Dental - II	Dr. Soumya S.V.
Anaesthesia - II	Dr. Sajjan Philip George	Emergency Medicine	Dr. Paul Prabhakar Abhilash
Anaesthesia - IV	Dr. Raj S.*	Dermatology - I	Dr. Dharshini S.
Anaesthesia - V	Dr. Ekta Rai	Dermatology - II	Dr. Dincy Peter C.V.*
Anatomy	Dr. Suganthy J.	Big Bungalow	Dr. Jayanthi Peter
Biochemistry College	Dr. Joe Varghese	Chittoor Campus	Dr. Kenny Samuel David
Bioengineering	Dr. Sivakumar Balasubramanian	Distance Education	Dr. Rebekah Elizabeth Dass
Bioethics	Dr. Anuradha Grace Sophia	Division of Clinical Radiology	Dr. Gibikote Sridhar V.
Biostatistics	Dr. Anna B. Pulimood	ENT - I	Dr. Regi Thomas
C.S.S.D	Mrs. Florence Ponnie R.	ENT - II	Dr. Ajoy Mathew Varghese*
Cardio Thoracic Surgery	Dr. Madhu Andrew Philip*	ENT - III	Dr. Regi Kurien
Cardio Thoracic Surgery - I	Dr. Birla Roy D. Gnanamuthu	ENT - IV	Dr. Anjali Lepcha
Cardio Thoracic Surgery - II	Dr. Korah T. Kuruvilla	ENT - V	Dr. Suma Susan Mathews
Cardio Thoracic Surgery - III	Dr. Roy Thankachen	Endocrine Surgery	Dr. Paul M.J.
Cardiology - I	Dr. George Joseph	Endocrinology - I	Dr. Nihal Jacob Thomas
Cardiology - II	Dr. Paul V. George*	Endocrinology - II	Dr. Thomas V. Paul*
Cardiology - III	Dr. Oommen K. George	Engineering AC & Refrigeration	Mr. Eswaran
Cardiology - IV	Dr. John Roshan Jacob	Engineering Civil	Mr. Sankar V.
Critical Care Unit	Dr. Subramani K.	Engineering Electrical	Mrs. Sarala Stanley
Centre for Stem Cell Research	Dr. Alok Srivastava	Engineering Mechanical	Mr. Prasad T.
Chaplaincy	Rev. Dr. T. Arul Dhas	Engineering Planning	Mrs. Nirmala Samuel
Continuing Medical Education	Dr. Reena Mary George	Environment Engineering	Mr. Ramakrishnan K.R.
Developmental Paediatrics	Dr. Samuel Phipp Oommen	Engineering Electronics	Mr. Arul Prakash
Dodd Library	Dr. Azariah Jebakumar I.	Family Medicine	Dr. Sunil Abraham
Paediatric ICU	Dr. Kala Ranjini Sundaravalli	Forensic Medicine	Dr. Mousumi Sen
Paediatric	Dr. Leni Grace Mathew*	G. I. Sciences	Dr. Joseph A.J.*
Paediatric Unit - I	Dr. Sarah Mathai Nee Abraham	Medical Gastroenterology - I	Dr. Ebby George Simon
Paediatric Unit - II	Dr. Sathish Kumar T.	Medical Gastroenterology - II	Dr. Amit Kumar Dutta
Paediatric Unit - III	Dr. Sneha Deena Varkki	Personnel Department	Mrs. Hannah Paul
CHIPS	Mr. Ebinezer Sundarraj	Transport	Er. David Chandran
Clinical Biochemistry	Dr. Pamela Christudoss	General Pathology	Dr. Geeta Chacko
Clinical Epidemiology	Dr. Thambu David Sudarsanam	Geriatrics	Dr. Gopinath K.G.
Clinical Gastroenterology and Hepatology	Dr. Joseph A.J.	Gynaecologic Oncology	Dr. Anitha Thomas
Clinical Haematology	Dr. Biju George	Hand Surgery	Dr. Samuel Chandrasekhara Raj
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Community Health Department	Dr. Vinod Joseph Abraham	Hospital Management Studies	Dr. Samuel N.J. David
Medical ICU	Dr. Kishore Kumar Pichamuthu	Infectious Diseases	Dr. George M. Varghese
Neurology ICU	Dr. Shalini Nair	Internal Audit	Mr. Nandakumar T.
Surgical ICU	Dr. Subramani K.	Interventional Radiology	Dr. Shyamkumar N. K.
Cytogenetics	Dr. Mary Purna Chacko	Low Cost Effective Care Unit	Dr. Sunil Abraham

Department / Unit	Head
Out Patients Department	Dr. Aby Abraham
Staff & Student Health Service	Dr. Prasad Mathews K.
Medical Education	Dr. Margaret Shanthi
Clinical Genetics	Dr. Sumita Danda
Medical Oncology	Dr. Ashish Singh
Medical Records	Dr. Vijaykumar Aruldas
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Medicine -II	Dr. Thambu David Sudarsanam*
Medicine - III	Dr. Sowmya Sathyendra
Medicine - IV	Dr. Samuel George Hansdak
Medicine - V	Dr. Ramya I.
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Neonatology - I	Dr. Manish Kumar
Neonatology - II	Dr. Kurien Anil Kuruvilla*
Nephrology - I	Dr. Vinoi George David
Nephrology - II	Dr. Santosh Varughese*
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Neuro Surgery - I	Dr. Krishan Prabhu
Neuro Surgery - II	Dr. Ranjith K. Moorthy
Neuro Surgery - III	Dr. Baylis Vivek Joseph*
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Neuro Critical Care	Dr. Shalini Nair
Neuro Physiology	Dr. K. Srinivasa Babu
Neuro Pathology	Dr. Geeta Chacko
Neuro Chemistry	Dr. Christhunesa Soundararajan C.
Neuro Psychology	Mr. Anirudha George
Nuclear Medicine	Dr. Julie Hephzibah
Obstetric & Gynaecology 1 New	Dr. Elsy Thomas
Obstetrics & Gynaecology Unit-I & Urogynaecology	Dr. Lilly Varghese
Obstetrics & Gynaecology - III	Dr. Anuja Abraham
Obstetrics & Gynaecology - IV	Dr. Manisha Madhai Beck
Obstetrics & Gynaecology - V	Dr. Jiji Elizabeth Mathew*
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Ophthalmology - II	Dr. Sheeja Susan John
Ophthalmology - III	Dr. Padma Paul
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Orthopaedics - I	Dr. Manasseh NithyananthJ.
Orthopaedics - II	Dr. Anil Thomas Oommen
Orthopaedics - III	Dr. Sumant Samuel
Paediatric Orthopaedics	Dr. Thomas Palocaren
Paediatric Surgery - I	Dr. Ravi Kishore B.S.S.
Paediatric Surgery - II	Dr. John Mathai*

Department / Unit	Head
Palliative Care	Dr. Jenifer Jeba S.
Pharmacology	Dr. Binu Susan Mathew
Pharmacy	Dr. Selvamani B.
Physiology	Dr. Elizabeth Tharion
Plastic Surgery - I	Dr. Shashank Lamba
Plastic Surgery - II	Dr. Ashish Kumar Gupta*
P.M.R. - I	Dr. Judy Ann John
P.M.R. - II	Dr. Jacob George*
Psychiatry	Dr. Paul Russell S.S.*
Child And Adolescent Psychiatry	Dr. Priya Mary Mammen
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Psychiatry Unit - II	Dr. Donae Elizabeth George
Psychiatry Unit - III	Dr. Suja Kurian
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Radiodiagnosis	Dr. Elizabeth Joseph
Radiation Oncology	Dr. Simon Pradeep Pavamani*
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Rt Unit - II	Dr. Rajesh I.
Rt Unit - III	Dr. Selvamani B.
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Rheumatology	Dr. John Mathew
RUHSA	Dr. Shantidani Minz
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Surgery Unit - I	Dr. Pranay Gaikwad
Surgery Unit - II (Colorectal)	Dr. Mark Ranjan Jesudason*
Surgery Unit - III	Dr. Inian S.
Surgery Unit - IV	Dr. Suchita Chase
Transfusion Medicine and Immuno Haematology	Dr. Joy John Mammen
Trauma Surgery	Dr. Sukria Nayak
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Urology Unit - II	Dr. Santosh Kumar*
Urology Unit - III	Dr. Nirmal T.J.
Urology Unit - IV	Dr. Rajiv Paul Mukha
Vascular Surgery	Dr. Dheepak Selvaraj A.
Wellcome Trust Research Laboratory	Dr. Eapen C. E.

* As of 30th July 2021



Dr. Anna Pulimood
Principal



Dr. Bala Seetharaman
Nursing Superintendent



Dr. Vathsala Sadan
Dean, College of Nursing



Dr. Peter John Victor
Director



Dr. Joy John Mammen
(Medical)



Dr. Anil Kuruvilla
(Kannigapuram)



Dr. Paul M.J.
(Human Resource)



Dr. Thomas Samuel Ram
(Missions)



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(Chittoor)



Dr. Chandrasingh J.
(Finance)



Dr. Vikram Mathews
(Administration)



Dr. K. Prasad Mathews
Medical Superintendent



Er. David Chandran
General Superintendent



Mr. Abraham Oommen
Treasurer

Partner with CMC

When you give it to them, they gather it up; when you open your hand, they are satisfied with good things.

Psalm 104:28



Partner with CMC

Join in and help us

The Christian Medical College Vellore is far more than buildings or medical statistics. Every day CMC is touching thousands of lives, bringing comfort, hope and healing to those living a life of pain, re-booting lives that had been blighted by accident or disease, opening young eyes to the wonders of the human anatomy, equipping students for a lifetime of service, joyfully delivering babies, and calmly helping those at the end of their lives to make their final journey with dignity and courage.

People helping people

Our work here in CMC, Vellore is all about people - The staff and students and the people we serve – young, old, rich, poor, of many different faiths and with many different needs surrounded by an ever-growing company of friends and supporters. They come from all round the world, but the greatest number are in India, which is as it should be. When people donate for patient care at CMC, their gift goes directly to help patients.

For 11-year-old Dilip (*name changed*) surgery is not a new term. He has had many surgeries from the time he was a little boy. When he was born, they found out his



bowels were not completely formed. This made it difficult for him to empty his bowels and did not have control over his bowel movements. This led to many embarrassing accidents for this young boy. His mother is very protective of Dilip and she said, *“I will do all it takes to help my son. But what will he do when he grows older. This is always my worry.”* All this has not stopped Dilip from going to school. He says he loves English because his English Sir is the best.

In February this year, the Department of Paediatric Surgery requested funds from the Emergency Fund for one more surgery that would help Dilip have a close to normal life. After the surgery, Dilip is doing well. He needs to fit in a new routine every morning. This helps him to be confident when he is out of his house and be a normal child like everyone else.

Several people gave amounts from Rs.500 upwards that

enabled us to say yes to the Department of Paediatric Surgery. Every Rupee that is donated pays for some part of a person's treatment.

Our dream is that we should never have to turn anyone away because they can't afford their treatment. CMC tries to keep its charges low, and provides free and subsidised treatment to as many as we can. However, there are others in desperate need like Dilip, **and we need your financial support** to help them.

This last year we have seen an enormous outpouring of love and generosity, which has enabled us to weather the storm of the COVID-19 pandemic, and treat over 15,000 people with the Corona virus. Because of very low patient numbers during the lockdown, CMC suffered a major deficit of income over expenditure. **Despite this we still provided free and subsidised treatment valued at Rs.218 Crores.** But, with regular income low again this year, the only way to keep up this level of charitable patient support is through donations.

Here are some of the funds through which you can help our patients directly:

- **Person to Person Fund** – pays for the bed, nursing and doctors charges for patients with very low incomes. Rs.3,031 pays for one day for one patient. CMC then provides the medicines, investigations and procedures needed from other funds, so that your gift is effectively multiplied up to five times in subsidised care for that patient.
- **Emergency Fund** – pays for costly operations and procedures for economically disadvantaged patients. You can give any amount. The grant given to each patient is usually between Rs.70,000 and Rs.1,00,000.
- **Poor Patient Fund.** Many people contributed last year to this through our CMC2020 Appeal. The fund helps pay for the Hospital Free Bed Scheme. Each clinical department can admit a certain number of very deserving patients to the fully free (up to Rs.1,50,000) or the half free (Rs.75,000) scheme. In practice, if the costs rise above these limits, further help is made available to the patients.
- **Dialysis support fund** Could you give a regular amount each month to enable us to provide low cost haemodialysis for a patient with chronic kidney disease? We are hoping to be able to offer this to at least one patient this year, but we need a group of people willing to commit to monthly donations for at least a year. The monthly cost of dialysis is Rs. 30,000, but if enough people give even Rs.1,000 per month we could reach our target.

Capital Projects

We also need help with capital projects. Here are some of the key areas where we need help now:

- **Kannigapuram Trauma Centre** and new hospital. We are hoping to open this during 2021, after delays caused by the pandemic. We need hospital furniture and equipment, for example Bedside Tables, Infusion pump, Motorised ICU cots, patient monitors etc.
- **CMC Chittoor Campus Nursing College** The College is now in its second year, operating from rented premises close to the Chittoor Campus. We have plans to construct the college buildings and hostel, which will cost about Rs. Crores.

Various options are available for recognizing donors for capital projects – please contact the Development Office of CMC, Vellore for details.

Student Scholarships

We provide scholarships for undergraduate students from low income families. We need funds for nursing and undergraduate students.

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 company wished to support the Hospital Free Scheme through their CSR funds. They donated Rs.10,00,000, which was enough for 6 patients to avail treatment under the hospital free scheme. They will be given a report on all the patients helped by their donation.

During the second wave this year, we were blessed by the support of many organisations and foundations with donations and gifts in kind. This has sustained us through the harsh second wave. If there is going to be a third wave, we will be in a better place to handle it as well.

How to give

Indian citizens can donate to CMC through our website, <https://givecmc.org>, by cheque payable to “CMC Vellore Association” or by bank transfer:



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
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CNI Synod - The Synodical Board of Health Services
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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
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Methodist Church in India
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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
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International Mission Board, Southern Baptist Convention Reformed Church in America
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United Church Board for World Ministries
United Methodist Church of America
Vellore Christian Medical College Foundation Inc.



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.

Australia

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Overseas Benefactors

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Hospital
Education
Directorate
Development Office
Promotions Office
International visitors and volunteers
Research
College of Nursing

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princi@cmcvellore.ac.in
directorate@cmcvellore.ac.in
dev.office@cmcvellore.ac.in
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dir.evo@cmcvellore.ac.in
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deancon@cmcvellore.ac.in

WEBSITES

Christian Medical College

CMC admissions

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

Acknowledgements

Promotion and PTP Office

Dr. Sowmya Sathyendra, Deputy Director (Promotions & Publicity);
Mary Anslum, Senior Secretary; M. Saravanan, Clerk Typist
Sunitha Serena, Publicity & Information Officer

Many thanks to:

All Departments and Offices of CMC

Maheswari Siva Chummy Printer, Vellore

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Ida Scudder Road, Vellore - 632 004 Tamil Nadu, India.