

Foreword

In Christian Medical College Vellore, we are conscious that the work which really counts is not that which we do for our Master, but which He does through us. As we present a record of the work done over the past year, we are conscious of the Divine at work in our midst and we are truly grateful for this gift. In the field of education we continue to offer student-centred, competency based education and respond to the huge gap that still exists between the need for skilled and caring health professionals and their availability. We are delighted that God has enabled us to increase the seats in the MBBS, BSc Nursing, PcBSc Nursing, Medical Postgraduate and Allied Health Science courses and are conscious that this blessing ought to be shared with those in greatest need. We are also committed to working hard so that despite the increase in numbers, each student will continue to feel cared for and nurtured as an individual and that our efforts to improve the quality of our education will continue unabated.

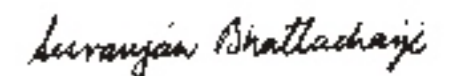
In the area of patient care, we have again been blessed with large numbers of patients and our efforts to ensure that each one has an experience of the Divine during their sojourn here, continues. Our dedication to patient-centred, ethical and compassionate health care requires redoubled efforts. Our quest for accreditation by the National Accreditation Board for Hospitals (NABH) is in the final stage of a long process and has provided us an opportunity to re-examine our procedures and practice.

We are grateful to our scientists as well as the many national and international bodies for partnering with us in our research. We're also grateful to our Institutional Review Board and other bodies which help us with decisions regarding the path and the direction of our endeavour in this field.

Our outreach work, in the environs of Vellore and in partnership with our mission hospitals scattered across the length and breadth of our nation, is a task that helps to rejuvenate us. As we explore new ways of growing and deepening this partnership we hope that we will be sensitive to God's leading.

I would like to conclude by expressing my deepest gratitude to all our stakeholders: faculty and staff, students and patients, alumni, Council members, Friends of Vellore and colleagues in the Mission hospitals and donors: without your wholehearted and generous support, this institution would not be what it is.

I'd also like to thank Dr. Abraham Peedicayil and his team in the Promotion office for their exemplary and outstanding work in producing this volume. May the Silver and Blue continue to be a banner of love and our community a beacon of devotion upholding its traditions and engaging with the new challenges ahead in the Spirit of Christ.



Dr. Suranjan Bhattacharji
Director

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About CMC

CMC had its beginning in the mind and heart of Ida Sophia Scudder who was moved with compassion at the suffering of women in childbirth when she visited her parents who were serving in the Arcot Mission in South India in the late 19th century. She could not ignore the calling to provide medical assistance to the women of India. She decided to respond and translated vision to action, giving a lifetime of service to further the kingdom of God.

With great resolve, she studied in Philadelphia and Cornell and then returned to India to open a one room clinic in January 1900 in Vellore. It was a time when epidemics and superstitions were rampant and the average life expectancy was 24 years. She had to battle with plague, famine, ignorance and taboos. In 1902, a 40 bedded hospital was funded by an American philanthropist in memory of his wife, Mary Taber Schell. She established a School of Nursing in 1909 and a Medical School offering the LMP course in 1918. In 1924, the hospital expanded to another campus in the centre of Vellore town. Dr Scudder believed in reaching out to the people in the surrounding villages and she did this by running roadside clinics where hundreds of patients would gather under a tree and wait for her van.

CMC was upgraded to a medical college affiliated to the Madras University in 1942 and opened its doors to men students in 1947. Dr Ida planned, prayed and promoted her dream and was able to raise funds and attract a wealth of human resource from all over the world. After her demise in 1960, the administration of the institution was handed over to the Indian protestant churches. CMC became linked to mission hospitals run by these churches, committed to train health professionals to serve needy areas. In the next two decades, CMC made great strides in developing tertiary care, pioneering cardiothoracic surgery, neurosurgery, paediatric surgery and renal transplantation in India.

CMC continues to be a great training institute in allied health sciences, nursing and post-graduate medical education. CMC has initiated numerous fellowship programmes and superspecialty degree courses. It has also established health

management, distance education and e-learning programmes. CMC's graduates form a large proportion of the trained health care personnel manning the hospitals run by the churches in remote parts of the country.

Research at CMC has always aimed to be relevant to the needs of the country. Several protocols for cost-effective care and solutions to problems like leprosy, polio, childhood diarrhoea, invasive bacterial infections, spinal cord injuries and cancers have been investigated here. The Department of Biotechnology, Government of India has entrusted development and translation of stem cell research to CMC.

From a one room dispensary CMC has grown into a tertiary level teaching hospital with 2600 beds that treats over 5000 out-patients a day, performs 2000 surgeries a month and delivers 15,000 babies a year. Today, CMC is considered one of India's finest medical college hospitals and attracts patients from all over the country as well as neighbouring nations. CMC is committed to patient care and its staff keep the patients interests uppermost and are willing to walk an extra mile.

CMC is an amazingly complex and vibrant organization and maintains its Christian commitment through care of the marginalised and vulnerable. CMC has been a champion of stigmatised patients afflicted with mental illness, leprosy and HIV. It has tried to keep even high technology care accessible to the poor through various schemes so that no patient is turned away for lack of funds. CMC has stood for holistic medicine, integrating physical, psychological and spiritual care. Faculty and students stay on campus and so there is a sense of community living and student nurture. Patients flock to this small city because they believe they will get an honest opinion and care from committed professionals who live their motto, "Not to be ministered unto but to minister". The challenge for CMC is to adapt to the changing health care scenario in India, to become a world class institution steeped in its core values of integrity, justice and service.

Dr. Abraham Peedicayil
Editor

CMC Statistics

	Beds	Inpatients	Outpatients	Births	Outreach
Main Hospital	2,175	97,779	1,557,462	12,978	-
Community Health and Development	135	11,731	94,964	3,547	123,403
Rural Unit for Health and Social Affairs	75	3,919	101,323	1,091	35,621
Schell Eye Hospital	100	7,384	97,386	-	19,360
Low Cost Effective Care Unit	46	1,957	50,521	235	840
Mental Health Centre	98	794	90,888	-	-
Nambikkai Nilayam	24	129	3,749	-	624
Rehabilitation Institute	83	500	-	-	39
Total	2,736	124,199	1,996,293	17,851	179,887

Daily in CMC

Outpatients*	6378
Inpatients*	2138
Laboratory Tests**	30160
Radiologic Tests**	1804
Operations*	157
Births*	49
Daily Running Expenses (Rs.)	1,43,89,016

*All Departments

** Main Hospital

Personnel

Administrative Staff	701
Chaplains	14
Doctors	1187
Engineering Staff	77
Housekeeping Staff and Attenders	1486
Library Staff	28
Nurses	2491
Pharmacists	190
Social Workers	44
Teaching Staff (Non-Medical) and Technical Staff	1860
Total	8078

Cost of Services

Major Expenses	
Running expenses 2011 -2012	Rs. 525,19,90,842
Costs for infrastructure development	Rs. 61,34,60,877
Important Areas of Subsidy (2011 - 2012)	
Subsidised health care	Rs. 85,73,01,823
Educational subsidy	Rs. 41,45,41,149
Sources of Income (2011 -2012)	
Patient fees	97.81%
Student fees	0.72%
Contribution from supporting churches and other organisations	1.47%

Grants from PTP Fund Rs.1,11,11,119

Outpatient Statistics In The Main Hospital

Service	Outpatients	Service	Outpatients
Amputee Clinic	826	Medicine 4	45
Anaesthesia	7603	Menopause Clinic	1121
Andrology	838	Neonatology	12652
Asthma clinic	3413	Nephrology 1	15921
Audio Vestibular Clinic	4833	Nephrology 2	13382
Brain Injury Clinic	1881	Neuro Muscular	1014
Brain Injury Mela	245	Neurology	35523
Cardiology EP Clinic (EPC)	1521	Neuro Surgery 1	9761
Cardiology 1	24794	Neuro Surgery 2	8885
Cardiology 2	26682	Nuclear Medicine Clinic	2484
Cardiology 3	24088	Obstetrics 1	7126
Cardiology Clinic Chittoor	19	Obstetrics 2	3877
Casualty	45308	Obstetrics 3	28,120
Cerebral Palsy Clinic (CPC)	230	Obstetrics 4	17,872
Cerebral Visual Impairment	11	Obstetrics 5	24,410
Chest Pain Unit	1740	Ortho 1 Spinal Disorders Clinic	26679
Child and Adolescent Psychiatry	1398	Ortho 3 Trauma	5381
Child Kidney Care Clinic	177	Orthopaedics 1	20418
Chittoor Clinic	3124	Orthopaedics 2	34634
Clubfoot Clinic	230	Orthopaedics 3	37938
Cochlear Implant	17	P.M.R. 1	7435
Combined Care Clinic	88	P.M.R. 2	5915
Conference Nuclear Medicine	132	Paediatric Asthma	2784
Dental 1	13774	Paediatric Casualty	18147
Dental 2	16159	Paediatric Chronic Renal Failure	16
Dermatology 1	27236	Paediatric Dermatology	5708
Dermatology 2	28411	Paediatric Endocrinology	6004
Developmental Paediatrics	6623	Paediatric E.N.T.1	4178
Diabetes and Foot Clinic	803	Paediatric E.N.T. 2	6874
Diabetes Clinic	2431	Paediatric E.N.T.3	3856
Diabetes Ophthalmology	1618	Paediatric Nephrology	6654
DOTS Clinic	1551	Paediatric Neurology	7272
E.N.T. 1	22690	Paediatric Oncology	7905
E.N.T. 2	18515	Paediatric Orthopaedics	14034
E.N.T. 3	22367	Paediatric Rheumatology	2005
Early Arthritis Clinic	961	Paediatric Surgery 1	8488
Endocrinology	36264	Paediatric Surgery 2	9098
Endo- Diabetes	25575	Paediatric Unit 1	18886
Endocrine and Neurosurgery	14	Paediatric Unit 2	23137
Endocrine Surgery	13235	Paediatric Unit 3	24200
Education Guidance Centre	15	Pain Clinic	485
Epilepsy	6972	Palliative Care Clinic	3184
Female Continence Clinic	176	Pancreatic Clinic	1634
Fracture Clinic 1	3569	Perinatal Clinic	255
Gastroenterology	52036	Pituitary Clinic	930
Genetic Counselling	89	Plastic Surgery 1	4414
Geriatric and Dementia	15915	Plastic Surgery 2	3432
Gynaecology 1	16315	Post Partum	754
Gynaecology 2	11935	Psychiatry 1	4635
Gynaecology 3	7725	Psychiatry 2	5116
Gynaecology 4	2002	Radiation Therapy 1	12307
Gynaecology 5	3785	Radiation Therapy 2	16298
Gynae. Oncology	45	Reproductive Medicine	13569
Haematology	29908	Respiratory Medicine	36765
Haemophilia	282	Rheumatology Clinic	25296
Hand Research	18968	Spinal Cord Injury Mela	383
Hansen's Disease Clinic	262	Spon Arth. & Crystal. Arth.	849
Heart Failure Clinic	19	Surgery 1	15243
Hepato-Pancreato-Biliary	5436	Surgery 1 Chittoor	27
Hepatology	23125	Surgery 2 (Colorectal)	14207
High Risk Infant Clinic	2752	Surgery 3	13738
Ida Scudder Citizen's Clinic	27430	Surgery 4	11663
Infectious Disease Clinic	4322	Staff Student Health Service	52935
Infectious Diseases Referral Clinic	7800	Stroke Clinic	713
Irritable Bowel Disease	447	Thoracic 1	1861
Liver Clinic Chittoor	36	Thoracic 2	1103
Lupus and Vasculitis Clinic	909	Thoracic 3	809
Lymphoma and Leukemia	3348	Urology Transplants Clinic	628
Medical Genetics	1644	Urology 1	22281
Medical Oncology	12742	Urology 2	24901
Medicine 1	40736	Vascular Surgery	12542
Medicine 2	39693	Young Adult Diabetes Clinic	1490
Medicine 3	35000	Total	1557462

Daily Outpatients in CMC Main Hospital - 5,024

Diagnostic Tests and Therapeutic Procedures

Diagnostic Tests	Therapeutic Procedures		
Allergen Skin Testing	2,900	Anaesthetic Procedures (in OR)	30,829
Audiometries	48,188	Anaesthetic Procedures (outside OR)	10,926
Biopsies	42,816	Antenatal Diagnosis by DNA Testing	128
Bronchoscopy and Medical Thoracoscopy	1,899	Blood Transfusions	55,839
Cardiac Angiograms and Tests	2803	Brachytherapy Procedures	223
Clinical Biochemistry Tests	34,84,000	Cardiac Interventions	1,855
Clinical Path. and Blood Bank Tests	54,77,300	3D Conformal Radiotherapy	368
Clinical Pharmacology Tests	18,953	Dental procedures	42,758
Cytology and FNAC	19,310	Developmental Paediatric Procedures	8,314
Cystoscopies	2,726	Electroconvulsive Therapy	1,543
CT Scans	35,948	Eye Operations	7,430
ECG	88,368	Intensity Modulated RT and Image Guided RT	293
ECHO	37,822	Kidney Dialysis Treatments	24,233
EEG	7,126	Kidney Transplants	72
EMG	6,050	Medicines Dispensed (Pharmacy)	97,79,498
ENT Scopies	15,808	Nuclear Medicine Therapy	408
ENT Diagnostic Procedures	13,808	Occupational Therapy Treatments	1,81,714
Gait and Video Analysis	213	Operations (Main, Centenary Operations Theatres and Day Care)	35,156
Holter Monitoring	2,178	Physiotherapy Treatments	2,47,534
MRI Scans	28,503	Prosthetic and Orthotic Appliances	43,802
Mammography	2,661	Respiratory Therapy Procedures	3,030
Microbiology and Serology Tests	4,42,480	Speech Therapy	6,651
Nuclear Medicine Studies	8,787	Stem Cell Transplants	186
Plain X-rays	3,88,965	Stereotactic Radiosurgery and Therapy	120
Pulmonary Function Tests	29,066	Urological Procedures	721
Pulmonary Lab Tests	2,058		
Radiographs (Dental)	9,340		
Special Radiographic and DSA Procedures	9,436		
Stereotactic Biopsies	29?		
Treadmill	5,898		
Ultrasound and Colour Doppler	89,659		
Uroflowmetry	10,295		
Virology Tests	2,76,837		

Outreach

Low Cost Effective Care Unit (LCECU)

Outpatients	50,521
Inpatients	1,957
Births	235
Patients in Outreach Clinics and Camps	546
Home Visits	294

Rural Unit for Health and Social Affairs (RUHSA)

Outpatients	101,323
Inpatients	3,919
Births	1,091

College of Nursing Community Health (CONCH)

	Clinics	Patients	Home Visits
CONCH	1,334	10,756	29,103
Urban	836	17,289	21,819
General health Camps	2	75	
Antenatal, Postnatal and Neonatal Visits			283
Deliveries		65	
Geriatric Clinics	12	233	
Health Education cum Action Projects	4		
Combined Care Clinics at Tertiary Care Centre	40	74	
Eye camps	10	834	
HIV Awareness Camps	6	304	
School Health Camps	3	710	
Diabetic Screening Programme	1	263	
Screening and Awareness Programmes	3	195	
NSS Health Camp	1	230	

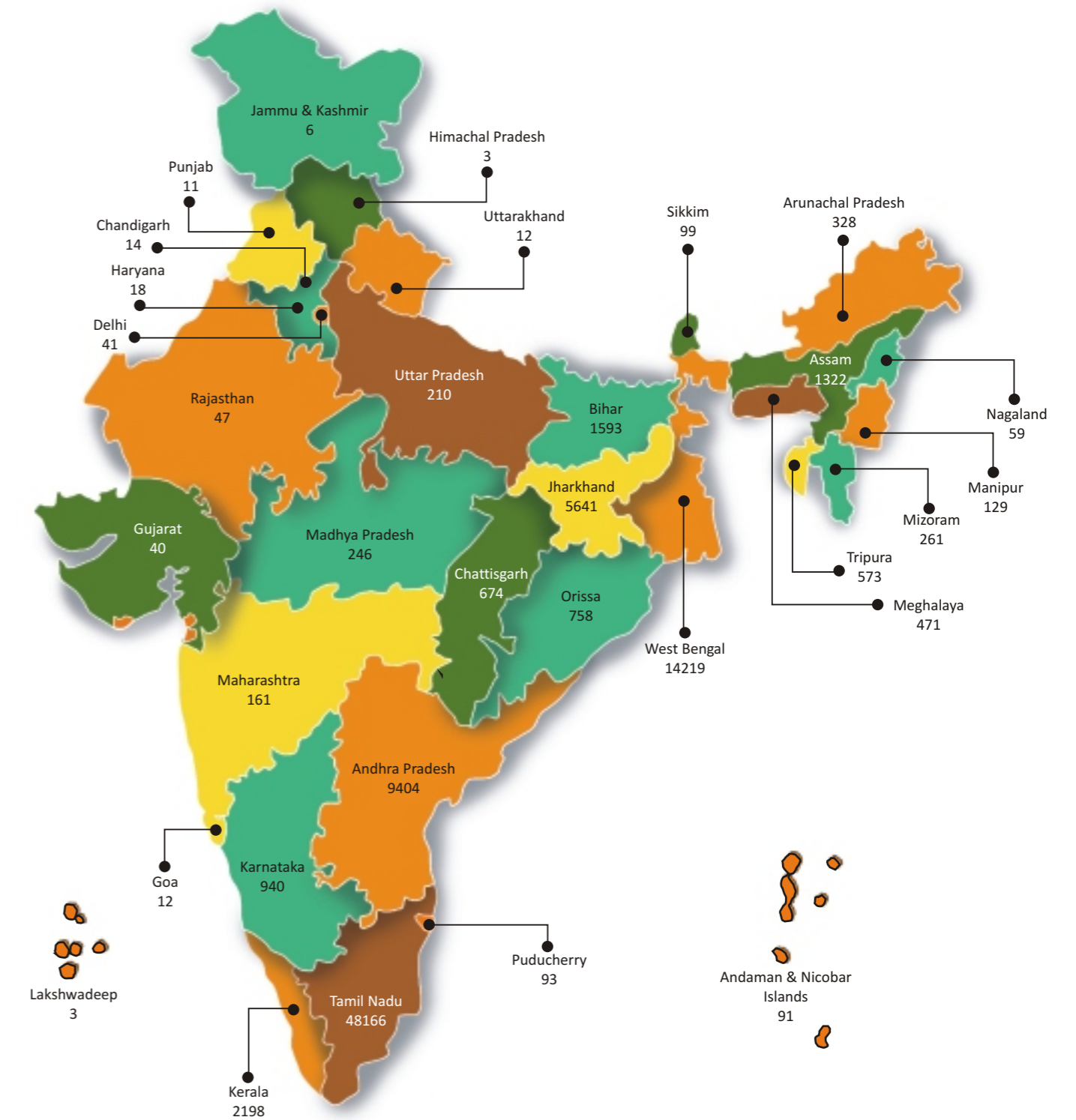
Community Health and Development (CHAD)

Home Visits	61,987
Maternal and Child Health	12,543
Morbidity Clinic	28,638
Leprosy Programme	1,334
Jawadhi Hills Programme	12,447
RHD Programme	1,688
Psychiatric Programme	1,373
Epilepsy Programme	2,913
TB Programme	480

Base Hospital Statistics

Outpatients	94,964
Inpatients	11,731
Births	3,547
Caesarean Sections	677
Nursery Admissions	748
Ultrasound Scans	2,056
Tubectomies	834

Geographical Distribution of Inpatients



Inpatients from other countries - 2761

General Services

The **Civil Engineering** Department supervises the construction and maintenance of buildings, water supply, sanitation and roads. During 2011-12, a total of 17 major and 50 minor projects were completed for an overall value of Rs.27,14,67,624.00. Further 15 major and 15 minor projects are in progress for an estimated value of Rs.40,90,47,350.00. A total of 15,471 maintenance jobs in masonry, plumbing, carpentry, painting etc, valued at Rs. 49 lakhs were also completed.

Electrical Engineering maintains 15 transformers, 7 generators and 62 lifts. During 2011-12, the total power consumed was 20,62,480 units, costing Rs.11,31,45,124.00.

Mechanical Engineering maintains equipment in the wards, departments, operation theatres and OPDs.

It also provides steam and medical gases to the operation theatres and critical care units. During 2011-12, 10,032 jobs were carried out and 74 new medical gas outlets were added to the existing outlets. Through the Asset Recycling Office, nearly 2,700 items were donated to Mission Hospitals, and over 1200 items were recycled within the institution.

The **Electronics Engineering Department** maintains all Biomedical and Electronic Equipment, the Pneumatic Chute System, the OPD Patient and Nurse Call System, the Chapel Relay System and the Surveillance Camera System. Twenty laboratory stations and all canisters of the Pneumatic Chute System were upgraded with RF ID facility. This facility enables automatic dialing and traceability of canisters. A new zone, consisting of 9 stations and 30 canisters was installed exclusively for the Accident and Emergency Services. Every day, 15,000 to 20,000 samples are transferred to the

laboratories through the Pneumatic Chute System. The Electronics Engineering Department calibrated bio-medical equipment in the institution.

The **Environmental Engineering** Unit was established in June 2011. The main function of the unit is to provide drinking water to the Main Hospital Campus, the College of Nursing Campus (Kagithapattari) and Shell Campus. The unit also maintains the Sewage Treatment Plant that recycles water.

The **Central Sterile Supply Department** received 3048073 items for sterilization and processed 42,54,689 sterile packs during 2011-12. An average of 11,656 packs was processed every day and 7,50,868 items were supplied to the OPDs.

The **Hospital Maintenance** section and Hospital Housekeeping Attenders are entrusted with the task of maintaining cleanliness in the Hospital Campus. Since August 2006, Exnora collects garbage from the Hospital Campus twice a day.

The **Postal Section** handled 86,181 letters and 1,084 parcels during 2011-12. The **Transport Department** coordinates transport requirements through 164 institutional vehicles and through external agencies. The **Department of Laundry** washed and ironed 71,73,535 linen during 2011-12.

Medical Education

	No. on Roll	Annual Intake		No. on Roll	Annual Intake
MBBS	246	60	MS		
Postgraduate Diploma			Anatomy	9	4
Anaesthesiology	13	8	General Surgery	26	10
Child Health	16	8	Ophthalmology	15	7
Clinical Pathology	3	2	Orthopaedic Surgery	17	8
Dermatology	2	1	Otorhinolaryngology	12	6
Obstetrics and Gynaecology	12	6	Total	79	35
Ophthalmology	4	2	MS and Ph.D. Bioengineering	6	3
Orthopaedics	8	4	DM		
Otorhinolaryngology	4	2	Cardiology	12	6
Psychiatry	12	6	Clinical Haematology	8	4
Radiodiagnosis	6	3	Endocrinology	2	2
Radiotherapy	5	3	Gastroenterology	13	5
Total	85	45	Hepatology	1	1
Postgraduate Degree			Neonatology	2	2
MD			Nephrology	10	4
Anaesthesiology	24	11	Neurology	6	2
Biochemistry	5	2	Rheumatology	1	1
Community Medicine	15	6	Total	55	27
Dermatology, Venereology and Leprosy	7	3	M.Ch.		
General Medicine	24	8	Cardiothoracic Surgery	8	4
Geriatric Medicine	2	1	Endocrine Surgery	1	1
Microbiology	10	4	Genito-urinary Surgery	11	5
Obstetrics and Gynaecology	12	6	Paediatric Surgery	10	4
Paediatric Medicine	15	8	Plastic Surgery	7	3
Pathology	16	8	Neuro Surgery	13	4
Pharmacology	6	2	Vascular Surgery	1	1
Physical medicine and Rehabilitation	8	4	Total	51	22
Physiology	9	4	M.Sc. Courses		
Psychiatry	12	6	Biostatistics	1	4
Radiodiagnosis	12	6	Epidemiology	4	8
Radiotherapy	10	5	Medical Physics	3	5
Respiratory Medicine	4	2	Total	8	17
Transfusion Medicine	6	3	Masters in Public Health	10	15
Total	197	89	Ph.D.	56	

Fellowship Courses

Post Graduate Fellowship Courses	No. on Roll	Annual Intake	Post Graduate Fellowship Courses	No. on Roll	Annual Intake
Advanced Gastrointestinal Endoscopy	1	2	Paediatric Orthopaedics	3	2
Advanced Training in Oral & Maxillofacial Surgery	1	1	Pulmonology	3	2
Allergy, Asthma and Immunology	-	2	Radiology (Interventional Vascular Imaging)	2	2
Anaesthesia (Cardiothoracic Anaesthesia)	-	2	Radiology (Cross Sectional Imaging)	1	1
Anaesthesia (Neuro Anaesthesia)	1	2	Reproductive Medicine	4	2
Clinical Embryology	1	2	Spinal Disorders Surgery	4	2
Clinical Genetics	2	1	Vascular Surgery	1	1
Clinical Immunology and Rheumatology	2	1	Analytical Clinical Pharmacology	2	2
Critical Care Medicine	7	4	Bone Marrow and Stem Cell Transplantation	-	2
Cytogenetics	2	1	Child and Adolescent Psychiatry	1	2
Diabetes (1 year)	1	2	Colorectal Surgery	-	1
Haematopathology	2	1	Radiology (Paediatrics)	-	1
Hand Surgery	1	2	Paediatric Nephrology	-	1
Infectious Diseases	2	2	Accident and Emergency	12	6
Medical Oncology	1	2	Diabetes (2 years)	2	2
Molecular Haematology	2	1	Family Medicine	-	2
Neonatology	1	2	General Dentistry	4	4
Neuropathology	-	1	Palliative Medicine	1	2
Paediatric Intensive Care	2	1	Total	69	69

College of Nursing

Course	Number on Roll	Annual Intake
Diploma		
General Nursing	389	100
Post Diploma Courses		
Cardiothoracic Nursing	2	4
Critical Care Nursing	2	8
Emergency and Trauma Nursing	1	4
Neuro & Neuro Surgical Nursing	0	3
OR Technique and Management	1	12
Neonatal Nursing	2	4
Psychiatric Nursing	2	6
Oncology Nursing	3	4
Orthopaedic & Rehabilitation Nursing	1	4
Renal Nursing	4	4
Undergraduate Courses		
B.Sc. Nursing	195	50
B.Sc. for Trained Nurses	60	30
Postgraduate Courses		
M.Sc. Nursing	56	28
Total	718	261

Allied Health Sciences

Course	Number on Roll	Annual Intake
Undergraduate		
Bachelor of Medical Record Science	17	10
Bachelor of Physiotherapy	43	10
Bachelor of Occupational Therapy	40	10
B.Sc. Medical Laboratory Technology	39	12
B.Sc. Optometry & Ophthalmic Technology	15	10
B.Sc. Critical Care Technology	15	15
B.Sc. Dialysis Technology	10	10
B.Sc. Nuclear Medicine	5	5
B.Sc. Radiology & Imaging Technology	10	10
B.Sc. Radiotherapy Technology	5	5
B.Sc. Medical Sociology	4	5
B.Sc. Cardio Pulmonary Perfusion Technology	5	5
P.G. Diploma		
Advanced Respiratory Therapy	12	6
Applied Molecular Genetics Methods	2	2
Cardiac Technology	12	6
Clinical Pastoral Counselling	2	10
Clinical Pharmacy	0	6
Cytogenetics	3	2
Dialysis Therapy	8	8
Dietetics	4	4
Fellowship Hospital Administration	3	8
Health Economics, Policy & Financial Management	1	8
Health Management	2	20
Histopathological Laboratory Technology	2	2
Hospital Administration	6	8
Medical Microbiology	11	6
Medical Virology	2	2
M.R.T. (Nuclear Medicine)	16	8
Neuro-Electrophysiology	4	2
Perfusion Technology	8	4
Diploma		
Anaesthesia Technology	15	8
Critical Care Therapy	10	6
Hand & Leprosy Physiotherapy Tech.	15	10
Hearing, Language & Speech	3	4
Hospital Pharmacy Practice	0	16
Hospital Equipment Maintenance	3	8
M.R.T. (Radiodiagnosis)	24	12
M.R.T. (Radiotherapy)	7	4
Optometry	12	6
Prosthetics & Orthotics	8	4
Total	403	297

Research

Research at CMC has always been an important part of the mandate to 'inculcate the spirit of inquiry' in our students and to generate and advance knowledge to improve the provision of curative and preventive services, to the people we serve directly and to the nation.

Given the strong clinical base, CMC is a leader in medical research in India today, from assessing the needs of the population in terms of communicable and non-communicable disease to translating interventions that arise from basic research on pathogenesis and prevention of illness.

The collaboration of faculty from diverse backgrounds with clinical and scientific expertise has been the key to the growth of research in the departments that recognized for their outstanding contributions both nationally and internationally. These include the Departments of Gastrointestinal Sciences, Haematology, Bioengineering, Virology and Community Health. Major areas of interest include inflammatory bowel disease, enteric infections, the intestinal microbiota, enteric vaccines, immune responses to enteric and viral pathogens, pharmacogenomics of haematologic malignancies, genetics of haematologic diseases, mesenchymal stem cell therapy, non-invasive monitoring, production of low cost biomechanical devices and surveillance of communicable and non-communicable diseases. Other departments such as Endocrinology, Medical oncology, Radiation Oncology and Pulmonary Medicine are extending their involvement in clinical trials to undertake investigator initiated epidemiological and mechanistic studies. Basic science departments such as Biochemistry and Physiology are expanding their research portfolios and collaborating with clinical departments on projects that seek to understand why and how

inflammatory processes and toxins affect gut, renal and cardiac functions.

A number of departments and facilities promote research within and beyond the institution by providing specialized training, academic resources and research opportunities. These include the Epidemiology Resource Centre, the South Asian Cochrane Network, the Clinical Epidemiology Unit, Biostatistics, the Centre for Stem Cell Research, the Basic Sciences laboratory, the Field Research Unit and the Infectious Diseases Training and Research Centre. CMC researchers are now funded by all the major national and international funding agencies, including the Indian Council for Medical Research, the Departments of Science and Biotechnology, the Wellcome trust, the National Institutes of Health, the Bill and Melinda Gates Foundation and the European Commission's Framework Programme.

Expansion of the quantity with further involvement of faculty and departments and improvement of the quality of research through ensuring appropriate training, support resources in ethics, epidemiology and statistics and monitoring of research are key pre-requisites to ensuring the sustainability of research in the institution.

During 2011-12, 441 Research Projects were reviewed by the Institutional Review Board. These included 78 external application and 274 fluid research projects. The total amount sanctioned for the fluid research projects was Rs.74,36,467.

Members of the CMC Council India

Andhra Evangelical Lutheran Church
Arcot Lutheran Church
Assemblies of God in North India
Baptist Church of Mizoram
Chaldean Syrian Church of the East
Christian Assemblies in India
Christian Services Society of Bengal, Orissa & Bihar
CNI Nagpur Diocese
Church of North India Synod
- The Synodical Board of Health Services
CSI Coimbatore Diocese
CSI Dornakal Diocese
CSI Kanyakumari Diocese
CSI Karimnagar Diocese
CSI Karnataka Diocese - Inter diocesan Medical Board
CSI Krishna - Godavari Diocese
CSI Madras Diocese
CSI Madhya Kerala Diocese
CSI Madurai-Ramnad Diocese
CSI Medak Diocese
CSI North Kerala Diocese
CSI Rayalaseema Diocese
CSI South Kerala Diocese
CSI Tiruchy - Tanjore Diocese
CSI Tirunelveli Diocese
CSI Vellore Diocese
Council of Baptist Churches in North East India
Council of Christian Hospitals
Eastern Regional Board of Health Services
Emmanuel Hospital Association
Evangelical Lutheran Church in Madhya Pradesh
Gossner Evangelical Lutheran Church
India Evangelical Lutheran Church
Inter Ashram Fellowship
Jeypore Evangelical Lutheran Church
Khasi Jaintia Presbyterian Assembly
Kolhapur Church Council
Malankara Jacobite Syrian Orthodox Church
Malankara Orthodox Syrian Church Catholicate of the East
Marathi Mission
Marthoma Syrian Church of Malabar
Mennonite Medical Board of the Mennonite Church in India
Methodist Church in India
Mizo Presbyterian Church Synod
North Bank Baptist Christian Association
Poona Christian Medical Association
The Salvation Army India South Eastern Territory
The Salvation Army India South Western Territory
The Salvation Army India Western Territory
Samavesam of Telugu Baptist Churches
Southern Asia Division of Seventh Day Adventists
Tamil Evangelical Lutheran Church
Uttar Pradesh Regional Board of Health Services
The Leprosy Mission

Overseas Member Churches and Organizations

Australia
Australian Board of Vellore Christian Medical College

Canada
Canadian Baptist Overseas Mission Board
Canadian Council of Churches,
Vellore - Ludhiana Committee

Germany
Christoffel Blinden Mission
Christian Mission Service
Friends of Vellore, Germany

Nepal
United Mission to Nepal

Singapore
South East Asia Union Mission of Seventh Day Adventists

Sri Lanka
C.S.I. Jaffna Diocese

Sweden
Friends of Vellore, Sweden

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

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

Administrators

Council Chairman

Dr. Kuruvilla Varkey

Deputy Chairman

Dr. Samuel Paul

Council Secretary

Dr. M.J. Paul

Treasurer

Mr. Denzil Ranjit Singh

General Superintendent

Mr. J.P. Peter

Dean, College of Nursing

Mrs. Rosaline Jayakaran

Associate Directors

Dr. John C Mthusami
Dr. George Joseph
Dr. Raju Titus Chacko
Dr. Thomas Kuriakose
Dr. Kenny David
Dr. D.J. Christopher

Deputy Directors

Dr. Dolly Daniel
Dr. Vikram Mathews
Dr. Oommen George
Mr. Sukumar Solomon
Dr. Abraham Peedicayil
Mrs. Sundari Edwin

Associate General Superintendent

Mr. E. Josam Titus

Deputy General Superintendents

Mr. Anand John Samuel
Mr. Sunny Kuruvilla

Deputy Medical Superintendents

Dr. C.E. Eapen
Dr. J.V. Peter
Dr. Joy Mammen
Dr. Kala Ranjini Sundaravalli
Dr. N. Jasmin Helan Prasad
Dr. Vivek B. Joseph
Dr. Nylla Shanthly
Dr. Prasad Mathews

Director

Dr. Suranjan Bhattacharji

Director-Designate

Dr. Sunil Thomas Chandy

Principal

Dr. Alfred Job Daniel

Acting Medical Superintendent

Dr. Jacob V. Jose

Nursing Superintendent

Dr. Jayarani Premkumar

Vice Principals

Dr. Anna B. Pulimood
Dr. Geeta Chacko
Dr. Paul Ravindran
Dr. Sunil T Chandy

Addl. Vice Principal - Research

Dr. Nihal Thomas

Registrar

Dr. Renu Susan Raju

Deputy Registrars

Dr. Samuel George Hansdak
Dr. Solomon Sathishkumar
Dr. Vinod Joseph Abraham
Dr. Regi Oommen

Deputy Dean, College of Nursing

Mrs. Selva Titus Chacko

Addl. Deputy Deans, College of Nursing

Mrs. Shirley David
Dr. Vathsala Sadan
Mr. T.S. Ravikumar
Dr. Vinitha Ravindran

Registrar, College of Nursing

Mrs. Christy Simpson

Deputy Registrars, College of Nursing

Mrs. Jeyalinda Christopher
Mrs. Dorothy Devakirubai

Deputy Nursing Superintendents

Mrs. Jasmin Anand
Mrs. Ebenezer Ellen Benjamin

Addl. Nursing Superintendents

Mrs. Mary Anbarasi Johnson
Mrs. Amala Rajan

Heads of Units and Departments

Department/Unit	Head
Accident And Emergency	Dr. Isaac Jebaraj
Accounts	Mr. Denzil R. Singh
Anaesthesia I	Dr. Sarah Joshua*
Anaesthesia II	Dr. Nagamani N.S.
Anaesthesia III	Dr. Grace Korula
Anaesthesia IV	Dr. Maickam Ponniah
Anaesthesia V	Dr. Mary Korula
Anatomy	Dr. Bina Isaac
Archives	Dr. Reena George
Biochemistry	Dr. Molly Jacob
Bioengineering	Dr. Suresh Devasahayam
Biostatistics	Dr. Jeyaseelan L.
C.S.S.D	Mr. J.P. Peter
Cardiology I	Dr. George Joseph
Cardiology II	Dr. Jacob V. Jose
Cardiology III	Dr. Sunil Thomas Chandy*
Cardiology IV	Dr. Bobby John
Cardiothoracic Surgery I	Dr. Madhu Andrew Philip
Cardiothoracic Surgery II	Dr. Vinayak Shukla*
Cardiothoracic III	Dr. Roy Thankachen
Chaplaincy	Rev. Dr. Malhia Joshua
Centre for Stem Cell Research	Dr. Alok Srivastava
Child and Adolescent Psychiatry	Dr. Priya Mammen
C.H.I.P.S.	Dr. Vinohar Balraj
Clinical Biochemistry	Dr. R. Selvakumar
Clinical Epidemiology	Dr. Thambu David Sudarsanam
Clinical Haematology	Dr. Alok Srivastava
Clinical Pharmacology	Dr. Sujith John Chandy
Clinical Virology	Dr. Asha Mary Abraham
Community Health and Development	Dr. Kuryan George
Critical Care Unit	Dr. Nagamani N.S.
Cytogenetics	Dr. Vivi M. Srivastava
Dental And Oral Surgery I	Dr. Rabin Chacko*
Dental And Oral Surgery II	Dr. Santosh Koshy
Dermatology I	Dr. Renu E. George

Department/Unit	Head
Dermatology II	Dr. Susanne A. Pulimood*
Developmental Paediatrics	Dr. Samuel P. Oommen
Diagnostic Radiology and Imaging	Dr. Sridhar V. Gibikote
Dietary	Ms. Mahendri N.V.
Distance Education	Dr. Alfred Job Daniel
E.N.T. I	Dr. Anand Job
E.N.T. II	Dr. John Mathew
E.N.T. III	Dr. Rupa Vedantam
E.N.T. IV	Dr. Achaamma Balraj*
Endocrine Surgery	Dr. Paul M.J.
Endocrinology I	Dr. Nihal Thomas*
Endocrinology II	Dr. Simon Rajaratnam
Engineering Air Conditioning	Mr. J.P. Peter
Engineering Civil	Mr. S. Balasubramanian
Engineering Electrical	Mr. Sam Raj Kumar
Engineering Electronics	Ms. Indumathi J.
Engineering Environmental	Mr. M. Annadurai
Engineering Mechanical	Mr. Josam Titus
Engineering Planning	Mr. V. Jayashankar
Forensic Medicine	Dr. Noel Malcom Walter
Gastrointestinal Sciences	Dr. B.S. Ramakrishna
General Pathology	Dr. Sheila Nair
Geriatrics	Dr. Prasad Mathews
HLRS	Dr. Binu Prathap Thomas
Hepatology	Dr. C.E. Eapen
Hepato Pancreato Biliary Surgery	Dr. V. Sitaram
Hospital Management Studies	Mr. Samuel N.J. David
Internal Audit	Mr. A. Francis
Library	Dr. V. Newton
Low Cost Effective Care Unit	Dr. Sushil Mathew John
Materials	Mr. S. Sunny
Medical Genetics	Dr. Sumita Danda
Medical Oncology	Dr. Raju Titus Chako
Medical Physics	Dr. Paul Ravindran B.

Department/Unit	Head
Medical Records	Dr. Paul Ravindran B.
Medicine I	Dr. O.C. Abraham*
Medicine II	Dr. Thambu David Sudarsanam
Medicine III	Dr. Sowmya Sathyendra
Medicine IV	Dr. Samuel Hansdak
Microbiology	Dr. V. Balaji
Neonatology I	Dr. Atanu Kumar Jana
Neonatology II	Dr. Kurien Anil Kuruvilla*
Nephrology I	Dr. Tamilarasi V.
Nephrology II	Dr. Basu G.
Neurology	Dr. Mathew Alexander
Neurosurgery I	Dr. Ari George Chako*
Neurosurgery II	Dr. Vedantam Rajshekhar
Nuclear Medicine	Dr. Regi Oommen
Obstetrics and Gynaecology	Dr. Alice George*
Obstetrics and Gynaecology I	Dr. Abraham Peedicayil
Obstetrics and Gynaecology II	Dr. Aruna Nitin Kekre
Obstetrics and Gynaecology III	Dr. Annie P. Villoth
Obstetrics and Gynaecology IV	Dr. Ruby Jose
Obstetrics and Gynaecology V	Dr. Jiji Elizabeth Mathew
Occupational Therapy	Ms. Lydia Raj
Operation Theatre	Mrs. Valliammal Babu
Ophthalmology I	Dr. Andrew D. Braganza
Ophthalmology II	Dr. Renu Susan Raju
Ophthalmology III	Dr. Thomas Kuriakose*
Orthopaedics I	Dr. Vinoo Mathew Cherian
Orthopaedics II	Dr. Vijay T.K. Titus
Orthopaedics III	Dr. Alfred Job Daniel*
Paediatrics	Dr. Anna Simon*
Paediatrics I	Dr. Leni Grace Mathew
Paediatrics II	Dr. Indira Agarwal
Paediatrics III	Dr. Sneha Varkki
Paediatric Orthopaedics	Dr. Vrisha Madhuri
Paediatric Surgery I	Dr. Reju Joseph Thomas
Paediatric Surgery II	Dr. Immanuel Sampath Karl*

Department/Unit	Head
Palliative Care	Dr. Reena George
Pharmacology	Dr. Margaret Kalpana E.
Pharmacy	Dr. Sujith John Chandy
Physiology	Dr. Rashmi Vyas
Physiotherapy	Mr. Andrew Babu Jayakumar
Plastic Surgery I	Dr. Kingsly Paul M.
Plastic Surgery II	Dr. Ashish Kumar Gupta*
Physical Medicine & Rehabilitation I	Dr. George Tharion*
Physical Medicine & Rehabilitation II	Dr. Raji Thomas
Physical Medicine & Rehabilitation III	Dr. Suranjan Bhattacharji
Psychiatry I	Dr. K.S. Jacob
Psychiatry II	Dr. Deepa Braganza
Psychiatry III	Dr. Anna Tharyan*
Pulmonary Medicine	Dr. D.J. Chirstopher
Radiotherapy I	Dr. Selvamani B.
Radiotherapy II	Dr. Subhashini John*
Reproductive Medicine	Dr. Aleyamma T.K.
Rheumatology	Dr. Debasish Danda
Ruhsa	Dr. Rita Caroline Isaac
Spinal Disorders Unit	Dr. Kenny S. David
Staff And Student Health Service	Dr. Jacob V. Jose
Stem Cell Research Centre	Dr. Alok Srivastava
Surgery I	Dr. John C. Muthusami*
Surgery II (Colorectal)	Dr. Benjamin Perakath
Surgery III	Dr. Inian S.
Surgery IV	Dr. Sukria Nayak
Transfusion Medicine & Immunohaematology	Dr. Sukesh Chandran
Urology I	Dr. John Samuel Banerji
Urology II	Dr. Nitin Kekre
Vascular Surgery	Dr. Edwin Stephen
Wellcome Trust Research Laboratory	Dr. Gagandeep Kang

As on June 1, 2012
* Head of Multiunitary Department

Events 2011-2012

APRIL 2011

- 4 Workshop on Acute Pain Management
- 29 Diabetes foot Awareness Camp
- 30 Dedication of Travel help Desk

MAY 2011

- 12 Dedication of new Forensic Medicine Department

JUNE 2011

- 6 Inauguration of the Environment Engineering Unit
- 9 Dedication of Endobronchial Ultrasound
- 9 TNAI Conference on 'Changing Diabetes Practice'
- 13 Dedication of renovated Neurophysiology Laboratory
- 24 Radiology Services in ASHA Building

JULY 2011

- 5 Ambulance facility with Life Support Systems
- 16 *Epidauria*- Inter-College medical Quiz
- 21-23 *Pegasus*- Annual Inter-College festival

- 21 Dedication of Condensate Recovery System and Air Compressors in Mechanical Engineering
- 22 College of Nursing Alumni Reunion
- 25-30 ORS Week Celebrations
- 29 Dedication of the School of Optometry
- 29 Dedication of the Corneal Collagen Linking Services
- 29 Dedication of the refurbished historical Mary Taber Schell Arch
- 30 Inauguration of the Central Electron Microscope

AUGUST 2011

- 1 Dedication of A Grade Flats at the Mary Verghese Campus
- 1-7 Celebration of 'Breast Feeding Week'
- 6 Dedication of Water Sump at Palar River
- 11-13 Alumni Reunion
- 12 Dedication of C and D Grade Sunset Avenue Flats
- 22 Dedication of the Cardiac Electrophysiology Suite



10th Winter Symposium
Nobel Laureate Prof. Venkatraman Ramakrishna



Allied Health Science Graduation



Alumni Reunion

SEPTEMBER 2011

- 1 Reorganised Division of General Surgery
- 3 *From Kyrie to Calypso: Concert in aid of PTP*
- 6 National Nutrition Week
- 9 Inauguration of Youth Red Cross, College of Nursing
- 14 Professor Mayil Vahanan Natarajan, Vice Chancellor, Tamil Nadu Dr. MGR Medical University, visits CMC
- 16-17 National Conference on Health Professions Education
- 16 Dedication of Outpatient Department, CMC Vellore Chittoor Campus
- 23 Lamp Lighting Ceremony, College of Nursing
- 27 Second Advanced Vaccinology Course
- 29 Shiloh 2011: Missions Conference
- 30 International Geriatric Day

OCTOBER 2011

- 6 Dedication of E-learning Classroom
- 6-8 33rd Workshop on Early Management of Trauma
- 7-8 State Conference of the Association of Physiologists of Tamil Nadu
- 10 Second Annual Research Day
- 10-12 Workshop on Mathematical Modelling of Infectious Diseases

- 12 Dedication of Digital Radiograph Machine
- 21-22 Skull Base Surgery Conference
- 22 Health Awareness and Screening Programme
- 27 World Occupational Therapy Day
- 28 Dedication of EQUIP Laboratory Room and Waters Liquid Chromatography Tandem Mass Spectrometer Instrument
- 28-29 2nd State Conference of the Indian Association of Dermatologists, Venereologists and Leprologists, Tamil Nadu branch
- 29 World Stroke Day celebrated

NOVEMBER 2011

- 4-5 Ninth Annual Conference of the Indian Academy of Geriatrics
- 5 Dedication of Radio Frequency Ablation Machine, Department of Vascular Surgery
- 7-11 Workshop on Surveillance of Bacterial Meningitis in India
- 12 College Day
- 13 Medical Graduation
- 14 World Diabetes Day
- 15-21 Newborn Care Week
- 16-19 32nd Annual Conference of the Association of Medical Physicists of India
- 25-26 Silver Jubilee celebrations of the Occupational and Physiotherapy Students Association

- 28 Allied Health Sciences Graduation
- 28 Adolescent Health Week
- 28-29 Workshop on 'Quality Control in HIV Diagnosis'
- 30 Clubfoot Brace Workshop
- 30 27th Annual Conference of the Indian Rheumatology Association

DECEMBER 2011

- 1 World AIDS Day
- 2 HICC Workshop
- 14-20 National Energy Conservation Awareness Week
- 17 Distance Education Convocation

JANUARY 2012

- 5-7 Tenth Winter Symposium on Cellular and Molecular Medicine
- 6 Release of Special Cover on CMC by the Department of Posts
- 16 Dedication of Sunset Avenue Crèche and Playgroup
- 20 Ground Breaking Ceremony, Student Nurses Hostel
- 25 CME on Vascular Malformations
- 27 Diamond Jubilee celebrations of the Department of Medicine
- 30 Sixth International Short Course in Tropical medicine

FEBRUARY 2012

- 1-4 Fourth Workshop in Basic Audiology and Speech
- 4 Sixth Dr. Benjamin M. Pulimood Oration
- 4 Clinico- Pathological Meeting on Liver Diseases
- 6-8 Workshop on Surveillance of Bacterial Meningitis in India
- 8 Dedication of renovated Orthopaedics OPD
- 9-11 45th Annual Tamil Nadu Orthopaedic Association Conference
- 14 Turning of the Sod for the CMC-Tufts Center for Public Health Education and Research
- 15 College of Nursing Graduation
- 15 Inauguration of the Annie Hancock Lecture Hall
- 17-19 Nineteenth Rehab Mela
- 24 Inauguration of the Chief Minister's Comprehensive Health Insurance Scheme
- 24 Workshop on Enteral and Parenteral Nutrition
- 25 Diamond Jubilee celebrations of the Division of Surgery

MARCH 2012

- 3 Inauguration of the Advanced Medical Simulation Laboratory
- 8 World Kidney Day
- 13 Inauguration of the Molecular Endocrinology Laboratory



Annual Research Day



College of Nursing Graduation



Dedication of OPD CMC Vellore, Chittoor Campus



Dedication of Neuro Physiology Lab



Dedication of Endobronchial Ultrasound



Dedication of the historical Mary T. Schell Arch



Diamond Jubilee Celebrations - Division of Surgery



Dedication of Endo Molecular Lab



Kyrie to Calypso - Concert for PTP



Medical Graduation



Diamond Jubilee, Department of Medicine



Pegasus



Simulation Lab - A gift from the MBBS batch of 1958-59



Skull Base Conference



Visit of Prof. Mayil Vahanan Natarajan,
Vice Chancellor of Tamil Nadu Dr. MGR Medical University

Awards and Honours

Dr. Alfred Job Daniel, Principal and Professor of Orthopaedics was awarded the 'Eminent National Board Examinations Alumni Teacher Award.'

Dr. Alok Sehgal was awarded the *Alathoor Narendra Memorial Gold Medal* for DM in Cardiology by the Tamil Nadu Dr. MGR Medical University.

Dr. Alok Srivastava, Professor of Haematology was appointed Vice Chairman of the Centre for International Blood and Marrow Transplantation and Research.

Dr. Ananthakumari Rajan, former Professor and Head of Paediatric Nursing was awarded the Life Time Service in Nursing Education by the Tamil Nadu Dr. MGR Medical University.

Dr. Andrew David Braganza, Professor of Ophthalmology was invited to deliver the 'Dr. Noel Moniz Memorial Lecture' at the Cochin Ophthalmic Club under the Kerala Society of Ophthalmic Surgeons.

Dr. Anna Tharyan, Professor of Psychiatry has been awarded the 'For the Sake of Honour Award' by the Rotary Club of Vellore in recognition of her distinguished and compassionate services to humanity.

Dr. Archana Maganti was awarded the *Tmt. Rajam Govindarajulu Gold Medal*, *Professor N. Madanagopalan Memorial Gold Medal*, *Dr. (Tmt) Ambika Shanmugam Gold Medal*, the *Horlicks Cash prize*, the *Madras University Students Club Medal*, the *Medical University Medal* and the *Apollo Gold Medal* for MBBS by the Tamil Nadu Dr. MGR Medical University.

Dr. H.S.Asha, Assistant Professor, Department of Diabetes, Endocrinology and Metabolism won the 'Excellent Clinical Research Award' during the British Endocrine Society Conference.

Dr. V. Balaji, Professor of Microbiology has been selected as Member of the Expert Group by the Ministry of Health and Welfare to advise and assist in the integration and networking of various laboratory services in the country for disease surveillance and outbreak investigation under the Integrated Diseases Surveillance Programme.

Dr. Binayak Sen, alumnus of the MBBS batch of 1966 has been appointed member of the Planning Commission's Steering Committee on Health, which will advise the panel on the Twelfth Five Year Plan (2012-2017). He was also awarded the '2011 Heinz R. Pagels Award' by the New York Academy of Sciences for his tireless work in advancing human rights.

Dr. Binu P. Thomas, Professor, Dr. Paul Brand Centre for Hand Surgery, Leprosy Reconstructive Surgery and Peripheral Nerve Surgery, was elected member of the Executive Committee of the Indian Society for Surgery of the Hand.

Dr. Bobby John, Professor of Cardiology was elected Member of the National Academy of Medical Sciences.

Dr. Boopalan Ramasamy, Associate Professor, Department of Orthopaedics, has been awarded the Professor Derek Frewin A.O. Citation for Clinical Teaching for excellence in clinical teaching in the School of Medicine, Faculty of Health Sciences, University of Adelaide 2011 for the second consecutive year.

CMC, Vellore has been honoured with the 'Healing with Human Touch' award at the Zee TV News Health Awards ceremony.

CMC, Vellore was awarded the 'Best Multispecialty Hospital' at the ICICI Lombard and CNBC TV18 India Healthcare Awards 2011.

CMC, Vellore received a special award from the Indian Society for Clinical Research for its 'notable contribution to shaping the clinical research environment in India.'

CMC, Vellore was awarded the 'Enterprises Driving Growth and Excellence through IT' award for enterprise applications for its Hospital information System (CHIPS).

Dr. D.J. Christopher, Professor of Pulmonary Medicine was elected President of the Association of Respiratory Care.

The College of Nursing has been re-designated a WHO Collaborating Centre for Nursing and Midwifery for four years from September 2011. This is the third time that the College of Nursing has been given this honour.

The College of Nursing has been identified by the Indian Nursing Council to be one of the five national Nodal Centres for strengthening pre service education in ANM Schools.

Dr. M.V. Daniel, former Professor of Orthopaedics was conferred the life Time Achievement Award in recognition of his contribution to Medical Education and Healthcare Services by the Tamil Nadu Dr. MGR Medical University.

Dr. Debashish Danda, Professor of Clinical Immunology and Rheumatology has been awarded the Fellowship of the Royal College of Physicians (FRCP), London.

Dr. Deeptiman James was awarded the *Professor M. Natarajan Gold Medal* and *Lupin Gold Medal* for MS in Orthopaedics by the Tamil Nadu Dr. MGR Medical University.

The Department of Cardiology was recognized as the 'Best Specialty Department of India' at the ICICI Lombard & CNBC TV18 India Healthcare Awards 2011.

The Department of Cardiology, in association with the **Department of Vascular Surgery** performed India's first case of Thoraco Abdominal Aneurysm Endovascular Repair using Surgeon fenestrated aortic stent grafts.

The Department of Physical Medicine and Rehabilitation has been designated a WHO Collaborating Centre for the development of Rehabilitation Technology, Capacity Building and Disability Prevention.

The Department of Plastic and Reconstructive Surgery won the 'Dr. Jamaal Memorial Rolling Shield' at the state level Plastic Surgery Conference held at Thanjavur.

Dr. Dilip Mathai, Professor of Medicine has been awarded the Indian Association of Clinical Medicine Conference Oration Medal 2010.

Dr. Ebor Jacob, Associate Professor of Paediatrics has been elected member of the Executive Committee of the Paediatric Critical Care Council.

Dr. Edwin Stephen, Professor of Surgery has been elected Treasurer of the Vascular Society of India for a two year term.

Dr. Gagandeep Kang, Professor, Wellcome Trust Research Laboratory, was awarded the Dr. Y.S. Narayana Rao Oration Award 2008 by the Indian Council of Medical Research.

Dr. George Mathew, former Principal, was conferred the Best Medical Administrator Award in recognition of his contribution to Medical Administration and Healthcare Management by the Tamil Nadu Dr. MGR Medical University.

Dr. George M Varghese, Professor of Medicine was awarded the Young Investigators Award by the Infectious Diseases Society of America.

Mrs. Grace Paul Narayan Rao, alumnus of the Diploma Nursing batch of 1944 and PCBSc. batch of 1968 was presented the Alumni Award 2011.

Dr. Indira Agarwal, Professor of Paediatrics was appointed President of the Indian Society of Paediatric Nephrology for a two year term.

Dr. K.S. Jacob, Professor of Psychiatry was appointed member of the Planning Commission's Steering Committee on Health, which will advise the panel on the Twelfth Five Year Plan (2012-2017)

Dr. Jayandharan Giridhara Rao, Lecturer, Department of Clinical Haematology was selected as Swarna Jayanti Fellow for 201-2011.

Dr. Jayaprakash Muliyl, Academic Officer and Professor of Community Health was appointed Chairperson of the Undergraduate Committee-II of the Medical Council of India.

Dr. Jayaraman Gowrishankar, alumnus of the MBBS batch of 1972 and presently Director, Centre for DNA Fingerprinting and Diagnostics, Hyderabad, was awarded the '2012 Moselio Schaechter Distinguished Service Award' by the American Society of Microbiology.

Dr. J. Joseph Samuel, alumnus of the MBBS batch of 1986 was awarded the College Motto Award

Mr. Jove John Robinson, Social Worker, Paediatric Oncology, Department of Child Health was awarded the 'Best Social Worker of the Year' at the Annual Indian Paediatric Oncology Initiative meeting.

Dr. Joy Sarojini Michael, Professor, Department of Microbiology, was awarded the third prize at the 2011 Biovision Lilly Award ceremony at the 7th World Life Sciences Forum, Biovision, Lyon, France. The award recognizes young scientists living and working in a developing country, who have a track record of excellent research in tuberculosis.

Dr. Karen Ruby Lionel was awarded the Dr. S.A. Kabir Gold Medal, the Professor Dr. T. Srinivasan Medal and Cash prize and Dr. V.G. Appukutty Memorial Gold Medal for MD in Anaesthesiology by the Tamil Nadu Dr. MGR Medical University.

Dr. Krishna Balagopal was awarded the Medical University Medal for D.M. in Neurology by the Tamil Nadu Dr. MGR Medical University.

Dr. Linu Paulson was awarded the Medical University Medal for MD in Physical Medicine and Rehabilitation by the Tamil Nadu Dr. MGR Medical University.

Dr. Mary Jesudason, former Professor of Microbiology was awarded the Dr. H.I. Jhala Award by the Indian Association of Medical Microbiologists.

Dr. Munish Aggarwal was awarded the Mrs. Suseela Santhosham Memorial Gold Medal for M.Ch in Cardio-Vascular and Thoracic Surgery by the Tamil Nadu Dr. MGR Medical University.

Dr. Neeraj S. was awarded the Medical University Medal for DM in Clinical Haematology by the Tamil Nadu Dr. MGR Medical University.

The Paediatric Nephrology Division, headed by Dr. Indira Agarwal, was selected for the 'ISN Sister Renal Centre Programme'. This involves a partnership with the University of California, Los Angeles.

Dr. J.V.Peter, Associate Professor, Medical ICU was awarded the Fellow of the Indian Council of Critical Care Medicine by the Indian Society of Critical Care.

Dr. Prince James, Associate Professor, Department of Pulmonary Medicine was elected to fellowship in the American College of Chest Physicians.

Dr. Punitha Ezilarasu, Professor of Surgical Nursing was awarded the Best Teacher Award by the Tamil Nadu Dr. MGR Medical University.

Dr. Purendra Kumar Pati, Professor of Cardiology was awarded the Fellowship in Cardiology of the Royal College of Australasian Physicians (FRACP).

Mrs. Reema Samuel was awarded the Medical University Medal for Masters of Occupational Therapy by the Tamil Nadu Dr. MGR Medical University.

Dr. Richa Gupta, Associate Professor, Department of Pulmonary Medicine was elected to fellowship in the American College of Chest Physicians.

Dr. Rohit Amritanand, Associate Professor, Department of Orthopaedics, was elected member of the National Academy of Medical Sciences.

Dr. Rupa Vedantam, Professor of E.N.T. delivered the Kaza Krishnamurthy Endowment Oration at the AOIAPCON 2011.

Dr. T. Samraj, former Professor of Dentistry was elected President- Elect of the Indian Association of Forensic Odontology. He was also honoured with the Life Time Achievement Award by the Tamil Nadu Dr. MGR Medical University.

Dr. Santhosh G. Thomas was awarded the Medical University Gold Medal for M.Ch in Neurosurgery (5 years) by the Tamil Nadu Dr. MGR Medical University.

Dr. Sathya Subramani, Professor of Physiology was awarded the Best Teacher Award in Physiology by the Tamil Nadu Dr. MGR Medical University.

Dr. M.S. Seshadri, Professor of Endocrinology was awarded the M.N. Sen Oration Award 2008 by the Indian Council of Medical Research.

Dr. Sharon Cynthia was awarded the Dr. Kesavalu Educational Trust Gold Medal for MD in Community Medicine by the Tamil Nadu Dr. MGR Medical University.

Mrs. Shirley David, Additional Deputy Dean, College of Nursing, has been elected Chairperson of the Nurses League of the Christian Medical Association of India for the period 2011-2013.

Dr. Sitara Swarna Rao Ajjampur, Associate Professor, Wellcome Trust Research Laboratory, was awarded the Major General Saheb Singh Sokhey Award 2008 by the Indian Council of Medical Research.

Dr. Solomon S. Chelliah, alumnus of the MBBS batch of 1973 was awarded the Paul Harrison Award for his selfless services in Gadag-Betgeri, North Karnataka.

Dr. Srinivasa Babu, Senior Scientist, Department of Neurological Sciences was appointed member of the National Committee of International Union of Physiological Sciences (IUPS) and the International Union of Basic and Clinical Pharmacology (IUPHAR).

Dr. Sulakshini Immanuel, former Dean, College of Nursing, was given the award for Life Time Service in Nursing Education by the Tamil Nadu Dr. MGR Medical University.

Mrs. Sundari Edwin, Professor of Paediatric Nursing was awarded the Best Teacher Award by the Tamil Nadu Dr. MGR Medical University.

Dr. Sunil Agarwal, Professor of Vascular Surgery was elected Treasurer of the Venous Association of India for a two year term.

Dr. Sunil Thomas Chandy, Professor of Cardiology and Director Designate was honoured with the Drs. Molly and Thomas Bhanu Award for the Best Teacher.

Dr. Thomas Sen Bhanu, alumnus of the MBBS batch of 1956 and former Professor of ENT, was awarded the Dr. D.W. Mategaonkar National Award 2011 by the Christian Medical Association of India for outstanding services in the ministry of healing.

Dr. Varghese Philip, alumnus of the MBBS batch of 1974 was awarded the Dr. Emmanuel Sunder Raj Award.

Dr. Venkatakrisnan H Iyer, Senior Registrar, Department of Gastrointestinal Sciences was awarded the 'Young Clinician Award' at the Indian National Association for Study of Liver Conference.

Dr. K. Venkatesh, Associate Professor of Orthopaedics was elected to the Executive Committee of the Association of Spine Surgeons of India.

Dr. Vikram Mathews, Professor of Haematology was awarded the Rev. Fr. Lourdu M. Yeddanapalli S.J. Award for his ground breaking contributions to research in acute promyelocytic leukaemia. He was also awarded the Wellcome Senior Research Fellow by the Department of Biotechnology.

Dr. Vinitha Ravindran, Professor of Nursing was awarded the Ruth E. Meclure Graduate Scholarship by the University of Alberta, Edmonton for her outstanding academic achievement in the graduate degree programme in nursing.

Mrs. Violet Jeyachandran, former Deputy Dean, College of Nursing was given the award for Life Time Service in Nursing Education by the Tamil Nadu Dr. MGR Medical University.

Invitation to Share

Would you like to support...	Indian Rupees	USD	GBP
Patient Care			
One artificial limb for a patient	11,175	200	128
Food for two weeks for a poor patient	1,722	31	20
Two weeks of hospitalization	32,000	571	368
Maintaining one free bed for a year	4,01,500	7,170	4,615
Supporting a free clinic in a deprived area for one year	11,04,900	19,730	12,700
Education			
Annual cost of training			
An Allied Health Sciences (Diploma) Student	1,31,450	2,347	1,511
An Allied Health Sciences (Degree) Student	2,52,900	4,695	3,022
A B.Sc. Nursing Student	3,53,900	6,320	4,068
A Medical Student	7,00,300	12,505	8,049
Building Projects			
Construction of upper Six floors over Existing A, B, C & D type quarters at CMC, Kagithapattarai Campus	33,00,00,000	58,92,857	37,93,103
Construction of New OPD Block at Kadamark Land (Basement, GF + 6 floors)	72,00,00,000	1,28,57,143	82,75,862
Proposed Construction of Students Nurses Hostel at CMC, Kagithapattarai Campus	33,65,00,000	60,08,928	38,67,816
Proposed Construction of New Examination Hall at CMC, Bagayam Campus	5,96,00,000	10,64,286	6,85,057
Proposed Construction of Retreat Centre at Yelagiri	7,50,00,000	13,39,286	8,62,069
Renovation and Extension of OPD Block at RUHSA Hospital	1,35,00,000	2,41,071	1,55,172
Proposed Multilevel Car Parking at CMC, Vellore Town Campus	30,00,00,000	53,57,143	34,48,276
Proposed School of Public Health at CMC Vellore, Bagayam Campus	1,50,00,000	2,67,857	1,72,414
Extension of Men's Hostel, Bagayam Campus	2,70,00,000	4,82,143	3,10,345
Extension of Fitch Hostel, Bagayam Campus	1,25,00,000	2,23,214	1,43,678
Proposed Construction of Inpatient wards, Operation theatres, Labour room, Accident & Emergency ward, CMC Vellore, Chittoor Campus	11,00,00,000	19,64,286	12,64,368
Appointment of Project Management Consultants and Master Planning Architects for Chittoor Campus	1,74,00,000	3,10,714	2,00,000