



# Christian Medical College Vellore



Prospectus  
Admissions 2020-2021

This prospectus is common to all courses around the year and needs to be read with the appropriate admission bulletin for the course

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#### CORRESPONDENCE

All correspondence should refer to the Application number or to the Hall Ticket number and be addressed to:

The Registrar

Christian Medical College, Vellore, Tamil Nadu, India, 632002.

Phone: (0416) 2284255 Fax: (0416) 2262788

Email: [registrar@cmcvellore.ac.in](mailto:registrar@cmcvellore.ac.in)

Website: <http://admissions.cmcvellore.ac.in>

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#### Important Information:

“The admission process contained in this Bulletin shall be subject to any order that maybe passed by the Hon’ble Supreme Court or the High Court in the proceedings relating to the challenge to the NEET, common counselling or any other statutory enactments that maybe passed by the Central or State Government.”

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## 1.1 OFFICE BEARERS

### Officers – CMC Vellore Association

|               |                          |                                |
|---------------|--------------------------|--------------------------------|
| Chairman      | Mr. Barkos Warjri        | I.A.S.                         |
| Vice-Chairman | Dr. John Cherian Oommen  | M.B.B.S. MD                    |
| Secretary     | Dr. Solomon Sathishkumar | M.B.B.S. MD                    |
| Treasurer     | Mr. Abraham Oommen       | B.Com, M.Com, CS (Inter), ICWA |

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|                          |                          |  |
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| Director                 | Dr J.V. Peter            | MBBS, MD (Gen.Med), DNB, MAMS, FRACP, FJFICM, FCICM, M.Phil.   |
| Associate Director       | Dr Deepak Thomas Abraham | MBBS, MS (Gen. Surg), Ph.D   |
| Associate Director       | Dr Nihal Jacob Thomas    | M.B.B.S., M.D., MNAMS, DNB (Endo), FRACP (Endo), FRCP (Edin), FRCP (Glas), FRCP (London), FACP, Ph.D. (Copenhagen) |
| Associate Director       | Dr Vikram Mathews        | MBBS, MD, DM (Haemat)  |
| Associate Director       | Dr Kurien Anil Kuruville | MBBS, MD (Paeds) DCH   |
| Associate Director       | Dr Chandrasingh J        | MBBS, MS, MCh (Urology), FP Urol (Ohio)  |
| Associate Director       | Dr. Thomas Samuel Ram    | M.B.B.S., M.D (Radiation Oncology)   |
| Associate Director       | Dr. Joy John Mammen      | M.B.B.S., M.D (Path)   |
| Treasurer                | Mr. Abraham Oommen       | B.Com, M.Com, CS (Inter), ICWA   |
| Principal                | Dr Anna B Pulimood       | MBBS, MD (Path), PhD   |
| Dean, College of Nursing | Dr. Vathsala Sadan       | B.Sc.(N), R.N., R.M., M.Sc.(N), Ph.D   |
| Medical Superintendent   | Dr K Prasad Mathews      | MBBS, MD, FRACP (Geriatrics)   |
| Nursing Superintendent   | Dr. Premila Lee          | BScN, RN, RM, MScN, PhD  |
| General Superintendent   | Er. David Chandran       | B.E  |

### Administrative Staff of the Medical College

|  |                            |                                       |
|--|----------------------------|---------------------------------------|
| Principal                                    | Dr. Anna B Pulimood        | MBBS, MD (Path), PhD                  |
| Registrar                                    | Dr. Elizabeth Tharion      | MBBS, DO, MD (Physio)                 |
| Vice Principal                               | Dr. Simon Pradeep Pavamani | MBBS, MD (RT)                         |
| Vice Principal                               | Dr. Vinay Timothy Oommen   | MBBS, MD (Physio)                     |
| Vice Principal                               | Dr. Joy Sarojini Michael   | MBBS, MD (Micro), FRC (Path)          |
| Vice Principal                               | Dr Sushil Mathew John      | MBBS, MD (Comm. Med)                  |
| Addl. Vice Principal                         | Dr. Suceena Alexander      | MBBS, MD, DM (Nephro)                 |
| Academic Officer                             | Dr. John Roshan Jacob      | MBBS, MD, DM (Cardiology)             |
| Deputy Registrar                             | Dr Anu Mary Oommen         | MBBS, MD (Comm. Med)                  |
| Deputy Registrar                             | Dr Lekha Mary Abraham      | MBBS, DO, DNB                         |
| Chief Superintendent University Examinations | Dr. I. Rabi Raja Singh     | MSc, DipRP, PhD                       |
| Men's Hostel Warden                          | Dr. Vaibhav Londhe         | MBBS, MD (OG)                         |
| Men's Hostel Resident Warden                 | Dr. Manbha L. Rymbai       | MBBS, MS (Gen. Surg)                  |
| Women's Hostel Warden                        | Dr. Anuradha Rose          | MBBS, MD (Comm Med), MHSc (Bioethics) |
| Women's Hostel Resident Warden               | Dr. Adeline Sitther        | MBBS                                  |
| DJ Hostel Warden                             | Mr. Andrew Babu Jayakumar  | BPT, MSc (PT)                         |
| DJ Hostel Deputy Warden                      | Dr. Roshan Livingstone     | MSc, Ph.D                             |
| Fitch Hostel Warden                          | Ms. Nirmala Samuel         | B. (Arch.), M. Plan.                  |
| Fitch Hostel Deputy Warden                   | Dr. Priya Mary Mammen      | MBBS, DPM, DNB                        |
| Fitch Hostel Resident Warden                 | Ms. Elizabeth Mary Thomas  | BOT                                   |

### Administrative Staff of the College of Nursing

|                                 |                            |                                      |
|---------------------------------|----------------------------|--------------------------------------|
| Dean                            | Dr. Vathsala Sadan         | B.Sc.(N), R.N., R.M., M.Sc.(N), Ph.D |
| Deputy Dean                     | Mrs. Alice Sony            | B.Sc.N., R.N., R.M., M.Sc.N.         |
| Addl. Deputy Dean               | Mrs. Margaret Manoharan    | B.Sc.N., R.N., R.M., M.Sc.N.         |
| Addl. Deputy Dean               | Mrs. Ida Nirmal            | B.Sc.N., R.N., R.M., M.Sc.N.         |
| Addl. Deputy Dean               | Mrs. Sophia Vijayanathan   | B.Sc.N., R.N., R.M., M.Sc.N.         |
| Addl. Deputy Dean               | Mrs. Reena Santhosh        | B.Sc.N., R.N., R.M., M.Sc.N.         |
| Registrar                       | Mrs. Helen Sujatha Charles | B.Sc.N., R.N., R.M., M.Sc.N.         |
| Deputy Registrar                | Mrs. Shandriela Immanuel   | B.Sc.N., R.N., R.M., M.Sc.N.         |
| Deputy Registrar                | Mrs. Sheeba Rani P         | B.Sc.N., R.N., R.M., M.Sc.N.         |
| Nursing Students' Hostel Warden | Ms. Sheela                 | B.A.                                 |

### Administrative Staff of the College of Nursing, Chittoor campus

|                                 |                         |                              |
|---------------------------------|-------------------------|------------------------------|
| Principal                       | Ms. Rosaline Jayakaran  | B.Sc.N., R.N., R.M., M.Sc.N. |
| Nursing Students' Hostel Warden | Ms. Sengamalam Singaram | B.A.                         |

# THE CHRISTIAN MEDICAL COLLEGE VELLORE

The Christian Medical College is an unaided, non capitation, Christian minority, educational institution admitting students on merit on an all India basis. The Christian Medical College (CMC), Vellore was established and is maintained by the Christian Medical College Vellore Association, a registered society, formed by over 50 different Indian Christian churches and Christian organisations which run over 225 hospitals, health centres and dispensaries throughout the length and breadth of this country, many of which are situated in remote rural areas. The

purpose of the Christian Medical College therefore is to train dedicated persons to manage, run and provide health care in the spirit of Christ through the mission hospitals. The motto of the institution is: *"Not To Be Ministered Unto, But To Minister"*

In 2018, the Christian Medical College Vellore proudly celebrated the completion of a hundred years of Medical Education, which began in 1918, bringing to fruition the dream of our visionary founder, Dr Ida Sophia Scudder.





# “Not To Be Ministered Unto, But To Minister”



## 1.2 VISION, OBJECTIVE & MISSION

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

### Objective

The objective of the Christian Medical College, Vellore, is the establishment, maintenance and development of a Christian Medical College and hospitals in India, where men and women shall receive an education of the highest grade in the art and science of medicine, nursing or one or other of the related professions, to equip them in the spirit of Christ, for service in the relief of suffering and in the promotion of health.

### Mission Statement

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 commitment to truth and high ethical standards. Research may be aimed at 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 optimizing 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, marginalized 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.

## 1.3 INSTITUTIONAL PRIORITIES

The Christian Medical College, Vellore, occupies a unique place among medical institutions in India (and in the world) as a vital, diverse and inter-denominational community. The College has demonstrated that it is possible to be committed to quality primary care while encouraging the development of excellent tertiary health care services. This approach is possible in the context of a holistic understanding of health and healing.



## 1.4 HISTORY

The Christian Medical College, Vellore and the associated teaching hospitals were founded by Dr Ida Sophia Scudder, the daughter of a medical missionary. She was born in 1870 to a missionary couple working in Tindivanam, sixty miles south of Chennai and later went back to America to complete her education. In 1890, she returned to India to attend to her ailing mother. On a single night during that visit, Ida was approached by three men seeking her help for their young wives in labour. As she could not offer help, and as local customs did not permit a male doctor to attend to them, young Ida was moved by the death of these three young Indian women during childbirth. She saw the suffering of women in India and realized the need in India for women doctors to attend to women whose traditions did not permit them to be treated by men.

She went to the United States of America and obtained medical training, specializing in Obstetrics and Gynaecology. In 1900, she started her work with one room for inpatients in her father's bungalow. Patients came in increasing numbers and the need for better facilities became obvious. She set about winning support for her cause and in 1902 the Mary Taber Schell Memorial Hospital was built to accommodate 40 patients. In 1924, the present town campus was acquired and a 267 bed hospital was built.

Left: Dr Ida Sophia Scudder

Below: 1902, The Mary Taber Schell Memorial Hospital





The Christian Medical College, Vellore, now offers Medical graduate, postgraduate (diploma and degree), and higher specialty courses, graduate and post graduate courses in Nursing, and several degree and diploma Allied Health Science courses as well as courses in Bioengineering.

Today there are over 2800 beds for in-patients and over 8000 outpatients are treated daily in the main hospital and in peripheral units.

The Christian Medical College, Vellore expanded its services to the neighbouring state of Andhra Pradesh at Chittoor, providing out patient, inpatient and diagnostic services. There are at present 120 beds for inpatients and over 600 outpatients treated daily.

## 1.5 EDUCATION

### Medical Education

The Christian Medical College, Vellore, began a 100 years back in 1918, when Dr Scudder started training women for the Licentiate Diploma (LMP). Her first batch of medical students achieved a 100 percent pass in the examinations. In 1942, the medical school was raised to the status of a college and 25 students were admitted to the MBBS course.

The first men students were admitted to the college in 1947. Permanent affiliation to the University of

Madras was obtained in 1950. From 1953 onwards 50 students were admitted (25 men and 25 women). In 1964 the annual admissions were increased to 60 and in 2012 it was increased to 100. In 1988, the affiliation of this institution was transferred from the University of Madras to the newly established 'Tamil Nadu Dr M.G.R. Medical University'. In 2001, the National Assessment and Accreditation Council, an autonomous institution of the University Grants Commission awarded a five star rating to the institution. When our country became independent, there was an urgent need to make technical



Best outgoing student 2019 - MBBS



First formal Higher Grade Nursing Class



## Milestones:

- 1909 Lower Grade Nursing Course
- 1932 Higher Grade Nursing training (Diploma Nursing)
- 1946 B.Sc in Nursing
- 1967 B.Sc for Trained Nurses
- 1967 Post Basic Diploma Programmes in Nursing
- 1969 M.Sc in Nursing
- 1994 PhD in Nursing
- 2000 "Institute of Excellence" by the Government of India
- 2003 WHO Collaborating Centre for Nursing and Midwifery Development
- 2005 Fellowship in Nursing
- 2006 Study Centre for National PhD Consortium, Indian Nursing Council
- 2009 Centennial year of formal nursing education
- 2019 Golden Jubilee of M.Sc. Nursing Programme
- 2019 Silver Jubilee of Ph.D. Nursing Programme

knowledge and personnel available for the whole country. The Christian Medical College responded to this need by starting various specialty departments, known nationally for their contribution to innovative teaching and patient care.

Postgraduate training programmes continue to be added, as newer branches of medicine develop. At present, there are postgraduate diploma courses in 1 specialty and postgraduate degree courses in 26 specialties. This institution has been a pioneer in India in the development of Community Based Education as well as in higher specialties like Cardiology, Thoracic Surgery, Neurology, Neurosurgery, Urology, Nephrology, Endocrinology, Gastroenterology and Haematology. The college currently offers 25 higher specialty courses. In addition, Masters Courses are offered in the specialties of Biostatistics, Epidemiology, Medical Physics, Public Health, Bioengineering and Clinical Engineering and M.B.A. in Hospital and Health Systems Management. The facility for registering students for Ph.D exists in several departments. The emphasis on training Indian doctors to go back and serve in their own areas has been maintained. A large number of Christian churches and missions throughout India make use

of these opportunities for training. This enables them to make up to date health services available for people in rural and semi-urban areas in different parts of the country, through the hospitals under their auspices. It is expected that those who receive training here will keep the needs of the people of this country foremost in their minds when they start their vocation. The trainees are exposed to the most modern developments in medical sciences and at the same time equal emphasis is given to making trainees service oriented, so that they identify themselves with the communities they are called to serve.

### Nursing Education

The year 1904 saw the beginnings of nursing education in the Christian Medical College, Vellore, when Dr Ida Scudder and Miss Lillian Hart, a trained nurse, began training Indian women in nursing. In 1909, Miss Delia Houghton, a Registered Nurse came to India as the first instructor and started the first training school with five students. This programme, called the lower grade course, was later upgraded to higher grade training (Diploma Nursing) in 1932. Miss Vera K. Pitman and Miss Florence Taylor were the two pioneers who initiated the four year B.Sc. Nursing programme

affiliated to the Madras University in 1946, which was first of its kind in the country. The College of Nursing has since grown from strength to strength, setting many trends and starting various nursing courses to meet the needs of the country.

Each year the College of Nursing admits 100 students in both Diploma Nursing and B.Sc Nursing programmes. The Diploma Nursing Programme is affiliated to the Board of Nursing Education of the Nurses League of the Christian Medical Association of India (South India Branch). The B.Sc. Degree in Nursing Programme is under the Tamil Nadu Dr M.G.R. Medical University, Chennai. The College of Nursing has grown to meet the diverse health needs of people across the nation through education and training. Recognizing the contributions of College of Nursing in preparing quality health care personnel, it was designated as a "WHO Collaborating Centre" for Nursing and Midwifery Development in 2003.

The College also offers a 2 year Masters in Nursing course with 5 different specialities – Medical Surgical Nursing, Pediatric Nursing, Obstetrics and Gynaecological Nursing, Community Health Nursing and Psychiatric Nursing. The College is recognized to offer Ph.D. Program under the Tamil Nadu M.G.R. Medical University, Chennai and also serves as a Nodal Centre for Doctoral Program in Nursing under the National Consortium for Ph.D. in Nursing by Indian Nursing Council in Collaboration with Rajiv Gandhi University of Health Sciences, Karnataka.

In the year 2019, a new College of nursing with B.Sc Nursing Programme affiliated to Dr NTR University of Health Sciences, Vijawada, Andhra Pradesh has been started in the CMC Vellore, Chittoor Campus with an annual intake of 50 students.

### Allied Health Sciences

Along with the development of nursing and medical education, the institution has also recognised the need to train skilled personnel in the various Allied Health Sciences. These were initially started as in service training programmes, and gradually upgraded to certificate, diploma and university degree courses. The first such programme was the compounder training programme initiated in 1903, which was subsequently upgraded as the Diploma in Pharmacy. Since then many diploma courses like Physiotherapy, Occupational therapy, Medical Laboratory Technology and Medical Record Science

have also been upgraded to degree programmes. Currently, the institution runs about 19 degree and 2s diploma programmes (10 diploma courses, 13 Post Graduate Diploma courses) and 2 fellowship courses in the Allied Health Sciences.

## 1.6 SERVICE

The service activities of the Christian Medical College in the field of health care are related to its role as a teaching institution, and the demands of this role. The Christian Medical College is a tertiary care institution that influences decisions and practices in health care both within India and abroad. Various models of primary and secondary health care are implemented at CHAD (Community Health and Development Programme), RUHSA (Rural Unit for Health and Social Affairs), LCECU (Low Cost Effective Care Unit) and CONCH (College of Nursing Community Health). The extensive capabilities of the institution, straddling primary to tertiary medical care provide the scientific and professional environment. In 2013 the institution was awarded the NABH accreditation.



Best Teacher Award 2019

## 1.7 RESEARCH

Research is an integral part of the institution. Research is oriented to areas of need and emphasizes application to relevant problems. Some research projects have been of exceptional value in combating major health problems. The work on leprosy, AIDS, tropical sprue, diarrhoea in children and immunization are examples of such



need based research. Several notable contributions have been made to medical science in the fields of Leprosy, Rehabilitation and Reconstructive Surgery, Neurochemistry, Neuro-physiology, Gastroenterology, Growth and Development, Microbiology, Population studies, Haematology, Oncology and Virology. The inculcation of an attitude of enquiry, acquisition of knowledge of basic methods of research and the conduct of research at various levels of involvement in health care is encouraged among both faculty and students. Research relevant to the country's needs is encouraged with institutional grants as seed money to initiate projects. National and international funding agencies and other research organizations currently support research in fields including population studies on growth and development, basic science research in organ transplantation, HIV/AIDS, invasive bacterial infections, diarrhoeal disease, haematological malignancies, bone marrow transplantation and treatment of spinal cord injuries.

## 1.8 FACULTY DEVELOPMENT

Developing the faculty has been a long held tradition of the College with every support to specialize and continually upgrade skills and practice. This has resulted in an enviable list of over 900 Medical, Nursing and Allied Health Science faculty, who in every department, in their own right, have done the institution proud.

## 1.9 SPIRITUAL NURTURE

The institution believes that the quality of work is derived from its dependence on God. Ministering to the spiritual needs of the patients and the spiritual nurture of staff and students are central to its entire programme. The central location of the chapels, both in the college and the hospital, reflect the centrality of worship in the life of the community. Sunday worship services in several Indian languages and in English are conducted in the town campus chapel and in English in the college campus. Staff and student retreats led by eminent Christian thinkers are an important feature of the spiritual nurture of the community.

## 1.10 STUDENT NURTURE

Various academic and extracurricular facilities are available for the development of the students. Well stocked medical libraries exist in both the hospital and college campuses. Scientific journals, MEDLINE system for literature search, internet and reprographic facilities are available in the libraries. Students can avail of the medical facilities of the Staff Student Health Services (SSHS) in the town campus or at CHAD hospital in the medical college campus. Extracurricular activities, which promote development of skills, talents, physical and mental health are encouraged. The institution provides and encourages a variety of activities including music, dramatics, debating, athletics, games and social service. Residing in the hostel is mandatory for students of MBBS, BSc Nursing and Diploma in Nursing courses. Hostel accommodation is available to students of other courses as well, depending on availability.



Dr. David And Anuradha Paul, receive the Paul Harrison Award 2019 for outstanding and selfless contribution in the field of healthcare

CMC strongly believes that the students admitted to the college should be nurtured as members of a family. A system of fostering of students who live on the college campus has been successfully working where a member of the teaching staff is allotted one or two students every year to 'foster'. This interaction at a non-academic level has proved popular in integrating the older and younger members of the CMC 'family'.

### 1.11 A COMMITMENT TO SERVE THE NATION

CMC upholds the value that all its alumni will commit themselves to the service of the poor and marginalized. Towards this end, the cost of education is kept at a very modest level to prevent graduates being burdened with financial preoccupations. Furthermore, all candidates admitted to Group A courses and Diploma in Nursing will have to undertake a service obligation to work in an area of need for a period of two years after completion of training. This process, we hope, will nurture our graduates into a life of service and allow them to work in a learning environment where they can take informed decisions about their future careers. All candidates selected for the various degree and diploma courses are required to give an undertaking to serve in India or in their country of origin for a minimum period of four years.

### 1.12 LOCATION

Vellore is 150 km. west of Chennai on the highway to Bangalore and is well connected by road and rail. For those travelling by train, the station to alight at is Katpadi, which is on the Chennai to Bangalore or Coimbatore line. Frequent bus services connect the major towns in the region (Chennai, Chittoor, Bangalore, Salem, and Trichy) to Vellore. The town campus of the College is located at the centre of Vellore town and is six kilometres south from the Katpadi Railway Station. This campus houses the main hospital, hostels for nurses and some accommodation for faculty. There are numerous commercial boarding and lodging facilities around the town campus. Situated 7 km. south of the main hospital is the College campus set in a green, quiet and calm 200-acre site. Classrooms and laboratories for pre-clinical students are on this campus. A majority of the faculty stay on this campus. This campus can be reached by taking the town buses route number 1 or 2, going towards Bagayam. Auto-rickshaws are also available from Katpadi Railway junction and Vellore town. The Schell campus is situated in Vellore town and is about 2 km from the town campus. The Kagithapattarai campus is less than a km, from the town campus and houses the College of Nursing, student nurses hostel and some accommodation. The CMC Chittoor campus is located around 40 km away from CMC Vellore hospital.



## 1.13 ADMISSIONS CALENDAR OF COURSES OFFERED

| Name of Course   | Tentative month for issue of Prospectus & Application   | Tentative month for Step 1/ Entrance Examination | Tentative month for Step 2/ Special tests and interviews   | Tentative month for registration | Classes begin |
|--|---|--|--|----------------------------------|---------------|
| MBBS   | February  | Date of NEET-UG 2020                             | Please keep checking our website for updates regarding the selection processes & schedule for MBBS admissions. |                                  | August        |
| BSc Nursing  | February  | May  | July   | August                           | September     |
| AHS Degree   | February  | May  | July   | August                           | August        |
| Diploma Nursing  | February  | May  | July   | August                           | September     |
| AHS Diploma/PG Diploma/Fellowship  | February  | May  | August   | August                           | August        |
| DM/M.Ch  | Please keep checking our website for updates regarding the selection processes & schedule for Higher Speciality admissions. |  |  |                                  |               |
| Post Doctoral Fellowships  | February  | May  | August   | August                           | August        |
| MPH & MSc Epidemiology   | February  | May  | May & August   | June & August                    | June & August |
| M.Sc Biostatistics, Medical Physics  | February  | May  | August   | August                           | August        |
| MS Bioengineering  | February  | May  | May  | May                              | May           |
| Medical Post Graduate Courses  | November  | Date of NEET-PG 2020                             |  | April-May                        | April-May     |
| Medical Post Graduate Fellowship Courses                                     | November  | May  | May  | May                              | May           |
| MSc Nursing, Post Basic BSc Degree, Nursing Fellowship, Nursing Post Diploma | November  | May  | June   | September                        | September     |

### 1.14 RECOMMENDATION TO MINORITY NETWORK CATEGORY

The aim of the Christian Medical College, Vellore, is to train individuals for service in needy areas especially in Christian mission hospitals. To this end, Christian students are encouraged to apply to be considered under the Minority Network category.

Any Christian church or Christian organization which is a member of the Christian Medical College Vellore Association and any other church or Christian body which operates its own medical work in India or neighbouring countries, which is a member of the Council, and which fulfils the criteria as laid down by the Council is eligible to recommend candidates to the Minority Network category for selection to the various educational courses run by CMC, Vellore, provided the organization does not run the said course. The Christian Medical College, Vellore, is also a recognized Minority Network organisation.

Members of the Association and Council who are eligible for the privilege of recommendation to the Minority Network category shall recommend ALL eligible candidates. It is essential that efforts be made by all Minority Network organisations to recommend students belonging to the weaker and under privileged sections of the society. Normally certification should be offered to candidates belonging to the Christian faith if they and their families have had a meaningful relationship with the Church or the related body for a period of at least 10 years. In the case of transfer from one parish/ diocese/ denomination to another, the total period of relationship with the churches (regardless of area or denomination) should be taken into consideration.

No candidate shall pay any amount exceeding Rs. 750 to the Minority Network organisation towards registration for recommendation to the Minority Network category. Collection of any amount in excess of Rs. 750 as donation/ security deposit/ retainer or in





any other form by the Minority Network organisation is a violation of the Christian Medical College Vellore Association and Council resolutions and guidelines.

Indian Minority Network organisations may recommend only Indian nationals to the Minority Network category. (Any person who holds a passport other than an Indian passport is ineligible to be recommended by an Indian Minority Network organisation).

Recommendation to the Minority Network category entails an agreement between the candidate and the Minority Network organisation whereby the candidate agrees to serve in one of the institutions of the body for a minimum period of two years. This obligation should be given as service only and shall be ensured by the Christian Medical College, Vellore.

No candidates recommended to the Minority Network category shall be considered for admission unless they achieve a set minimum standard in the admission test which indicates that they can successfully complete the course. The candidates should also fulfil the requirements of the respective certifying Board.

All candidates who are selected for any educational course in the College shall execute with their

Minority Network organisation and the College legally valid agreements on appropriate stamp paper within 2 weeks of their selection. The College will get the students to execute the agreement written on behalf of the Minority Network organisations. Failure to execute the agreement will result in the candidate forfeiting the seat. The sample agreement is available in the admission bulletin.

Service obligation should be discharged only in terms of service and not through financial compensation. Details of the service obligation are given separately for each course. Candidates and their parent/legal guardian are required to sign a service obligation agreement.

Admission is restricted under the Minority Network category to only one candidate from the same family (siblings) in any particular year to any single course offered by the Christian Medical College, Vellore.

In the event a student fails to fulfil the service obligation by appropriate service as stated in the agreement, he/she will not be eligible for

- a. Admission to any further educational courses at the Christian Medical College, Vellore.
- b. Any appointment in the Christian Medical College, Vellore and associated teaching hospitals.



Dr Anna Pulimood, Principal, with students

Students who do not fulfil their service obligation will not be issued any certificates other than the certificates statutorily mandated by the University/ Boards and Professional Registration Councils.

The list of Minority Network churches/ organisations eligible to recommend candidates to the Minority Network category to the various courses is given in Annexure II.

**THE OFFICE OF THE REGISTRAR WILL NOT CORRESPOND IN THIS REGARD WITH THE CANDIDATE**

### 1.14.1 Undergraduate College Recommendation for Christians to the Minority Network category

Christian candidates who are not recommended to the Minority Network category by the CMC Vellore Association or Council members may apply to be considered under the Undergraduate College Recommendation for Christians to the Minority Network category. Such candidates should apply to The Council Secretary, c/o The Registrar, CMC, Vellore. The application for recommendation to the Minority Network category under the Undergraduate College Recommendation for Christians to the Minority Network category should

be sent to The Registrar, CMC, Vellore 632002 so as to reach not later than 10th April 2020.

#### Enclose the following documents

Application for recommendation to be considered under the Undergraduate College Recommendation for Christians to the Minority Network category (Annexure IV of Bulletin)

A certificate from the pastor of the candidate's Church that the candidate/parents have been member(s) of the Church for a duration of not less than 10 years (Annexure VI of Bulletin)

Baptism/Confirmation certificate

Candidates who have applied for and are not eligible for recommendation to the Minority Network category will be considered only under the open category.

## 1.15 SERVICE OBLIGATION

The Christian Medical College, Vellore upholds the value that its alumni will commit themselves to the service of the poor and marginalized. Hence, the cost of education has been kept at a very modest level to prevent graduates being burdened with financial preoccupations. All candidates admitted



to the Group A courses and Diploma in Nursing and Midwifery will have to undertake a service obligation, to work in an area of need for a minimum period of two years after completion of training. This process is expected to nurture our graduates into a lifetime of service and allows them to work in a learning environment where they can make informed decisions about their future careers. The candidates chosen under the open category will serve in areas of need identified by the Christian Medical College, Vellore.

Students who do not fulfil the service obligation will not be eligible for admission to postgraduate studies or for appointment as staff of Christian Medical College, Vellore. They will not be given any certificates other than those statutorily mandated by the University/Boards and respective Professional Councils.

### 1.16 SUBSIDIZED FEES AND SCHOLARSHIPS

Despite the extensive medical services provided by the hospitals and community outreach, the mission statement makes it clear that CMC's primary concern is education, training and professional development. There is a commitment to ensure that the cost of education should not be a barrier

to anyone desiring to pursue a course at CMC. The course fees are heavily subsidized; for example, the annual fee for MBBS including accommodation is only around Rs. 26,000/- after the first year even though the full cost per student is estimated at several lakhs per annum.

Students who find it difficult to meet even these low fees are encouraged to apply for scholarships which are available for all undergraduate courses (Medicine, Nursing and Allied Health Sciences). Scholarships are awarded according to economic status and cover all or part of the fees and accommodation costs. The low fees emphasize that that education is a gift to be shared and not sold. The intention is that those who benefit will share the fruits of their experience in learning at CMC, Vellore through service to humanity.

### 1.17 DISCIPLINE

#### Ragging

Ragging is not acceptable behaviour on the campuses of the Christian Medical College. It is illegal according to the Law of the land to commit, participate in, abet or propagate "ragging". The institution will deal firmly and strictly with all



instances of ragging. If any incident/s of ragging comes to the notice of the authorities, the concerned student/s will be given liberty to explain. If the explanation is not satisfactory, the authorities will expel the student from the institution. Please refer annexure VIII of the admission Bulletin for Summer Admissions for further details on the UGC guidelines on ragging.

### Possession of Illicit Drugs, Alcohol and Smoking

Smoking is not permitted in public areas and on the campuses of CMC. Students should not consume or serve alcohol on any occasion within the campuses of CMC. Forcing a fellow student to consume alcohol would be grounds for severe disciplinary action. The Indian penal code classifies obtaining, keeping or passing on banned drugs (such as marijuana, cocaine, heroin etc) as a criminal offence. Possession

or use of banned drugs will result in expulsion from the college.

### Involvement in Strikes and Criminal Acts

It is an illegal act to be involved in strike within the organization. In case, if the student is involved in this act, she/he may be liable for expulsion from the institution. Any other activities which are likely to affect the peace and tranquillity of the institution involvement in any sort of violence or disturbance both within and outside the institution/ any criminal acts/offences as defined in the Indian Penal Code 1860 will result in expulsion from the College.

Immoral activity including use of foul language, gestures or any form of abuse would be liable for severe disciplinary action.

'Wifi' provided in classrooms and hostels is solely for academic purposes. Any form of its inappropriate use is condemnable.

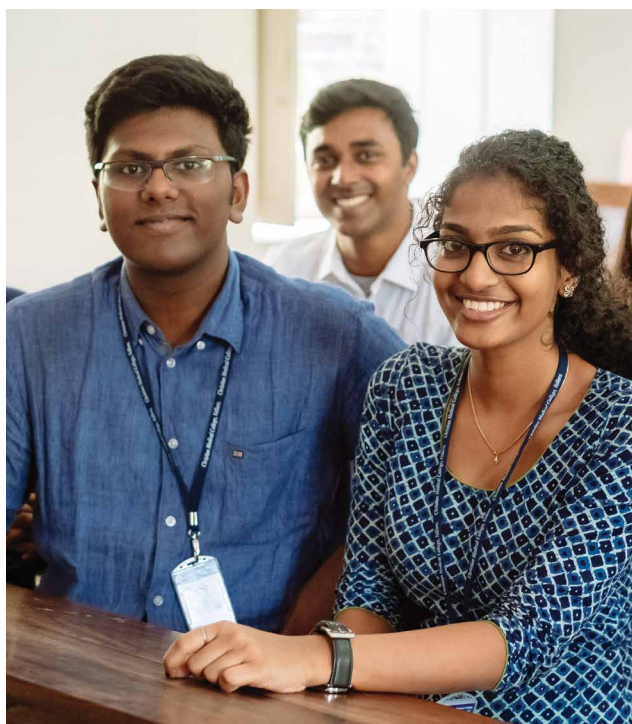


## 2. MEDICAL COURSES

### 2.1 MBBS

#### Description of Course

The MBBS course is of four and a half years duration and is followed by one year of Compulsory Rotating Residential Internship. The course begins with a short foundation course sensitizing students to the health situation in India, the role of doctors in the community and basic principles of Communication & Ethics. The undergraduate course in medicine comprises of three phases as per the Competency based Undergraduate Curriculum. This consists of three phases. Phase I or the Pre-Clinical phase is of 13 months and is preceded by a one month foundation course. This phase comprises of the basic sciences, Anatomy, Physiology and Biochemistry, as well as an introduction to Community Medicine, Humanities and Professional Development. Clinical rotations begin after Phase I. At the end of Phase II or the Para-clinical phase (12 months) students will be assessed on the subjects Pharmacology, Pathology and Microbiology. At the end of Phase III part I



(13 months) students will be assessed on Forensic Medicine, Community Medicine Ophthalmology and Oto-rhinolaryngology. Phase III Part II (13 months) includes Medicine and allied specialities, Surgery and allied specialities, Child Health and Obstetrics & Gynaecology. A block posting in Community Health is an integral part of each stage. Posting in mission hospitals and secondary care centres is a unique feature of medical education. The internship lasting for 12 months comprises of postings in Community Health, Medicine, Surgery, Obstetrics & Gynaecology, Child Health, Orthopaedics, Emergency Medicine and short electives in various specialties. All these are as per the guidelines of the Medical Council of India.

#### Eligibility for Admission

Candidates should have passed the qualifying examination equivalent to 10+2 Higher Secondary period of 12 years of study, the last two years of study comprising of Physics, Chemistry and Biology/Biotechnology with English. A candidate for admission to the medical course “must have passed in the subjects of Physics, Chemistry, Biology/Biotechnology and English individually and must have obtained a minimum of 50%# marks taken together in Physics, Chemistry and Biology (or Botany and Zoology taken together)/Bio- technology at the qualifying exam” (#40% aggregate for BC, MBC, SC/ST candidates). This is as per TN Government and University guidelines. BC, MBC, SC/ST are as defined by the Government of India or States/UTs governments; all rules are subject to change as per State & University guidelines. Please refer to the latest regulations on the Tamil Nadu Dr MGR Medical University website <http://www.tnmgrmu.ac.in/>).

Candidates should have passed in all subjects of the qualifying examination of the Higher Secondary Certificate Examination (Academic) conducted by the Tamil Nadu State Board or any other equivalent examination in one and the same attempt in the subjects.



Candidates should have completed the age of 17 years at the time of admission or should complete the said age on or before 31st December of the said year. Please check the admission page on the CMC website for updated information.

### **Basis of Admission**

The Admission process will be as described in the admission bulletin 2020.

The number of candidates for the MBBS course shall be 100 per year and the distribution of seats will be as follows:

- a. All India Open Category - 16 seats.
  - (i) One candidate will be selected by the Government of India (separate requests for obtaining prescribed applications are to be addressed to the authorities as indicated in Annexure - II of the bulletin).
  - (ii) Twenty percent (3 seats) of the open seats shall be reserved for candidates belonging to Scheduled

Caste/Tribes (SC/ST). Please refer to the Admission bulletin 2020 for details.

- b. Minority Network Category & CMC Vellore Staff quota - 84 seats

Up to 84 seats will be reserved for the Minority Network Category & CMC Vellore Staff quota (See Section 1.14 for further details on Recommendation to the Minority Network Category). Please keep checking the admission page on the CMC website for updated information.

### **Registration for Admission**

Those finally selected for admission will be required to register for the course by paying the tuition fee and completing other admission formalities. Students should submit their certificates in ORIGINAL. Admission to the MBBS degree course will continue to be provisional until approval by the Tamil Nadu Dr M.G.R. Medical University.

## 2.2 MEDICAL POSTGRADUATE COURSES

(Diploma, Degree and Higher Specialties)

The Christian Medical College offers admission to the following postgraduate and higher specialty courses. The number of seats available in each of these courses is indicated. Please check the current PG admission bulletin / higher specialty admission bulletin / website for updated information on courses, number of seats and further details regarding the admission process.

### 2.2.1 Degree/Diploma Courses

| Subject                            | Course Name | Duration (Years) | No. of Seats*         |
|------------------------------------|-------------|------------------|-----------------------|
| Anaesthesiology                    | MD          | 3                | 19 (33 <sup>§</sup> ) |
| Anatomy                            | MD          | 3                | 4                     |
| Biochemistry                       | MD          | 3                | 2                     |
| Clinical Pathology                 | DCP         | 2                | 2                     |
| Community Medicine                 | MD          | 3                | 6                     |
| Dermatology Venerol & Lep.         | MD          | 3                | 4 (5 <sup>§</sup> )   |
| Otorhinolaryngology                | MS          | 3                | 8                     |
| Emergency Medicine <sup>#</sup>    | MD          | 3                | 3                     |
| Family Medicine                    | MD          | 3                | 2                     |
| Geriatrics                         | MD          | 3                | 3                     |
| General Medicine                   | MD          | 3                | 16                    |
| General Surgery                    | MS          | 3                | 10                    |
| Microbiology                       | MD          | 3                | 4                     |
| Nuclear Medicine                   | MD          | 3                | 1 (2 <sup>§</sup> )   |
| Obstetrics & Gynaecology           | MS          | 3                | 17                    |
| Ophthalmology                      | MS          | 3                | 9                     |
| Orthopaedics                       | MS          | 3                | 12                    |
| Paediatrics                        | MD          | 3                | 16 (20 <sup>§</sup> ) |
| Pathology                          | MD          | 3                | 8                     |
| Pharmacology                       | MD          | 3                | 2                     |
| Physiology                         | MD          | 3                | 4                     |
| Physical Medicine & Rehabilitation | MD          | 3                | 4                     |
| Psychiatry                         | MD          | 3                | 12                    |
| Radiodiagnosis                     | MD          | 3                | 12                    |
| Radiotherapy                       | MD          | 3                | 8                     |
| Respiratory Medicine               | MD          | 3                | 4                     |
| Transfusion Medicine               | MD          | 3                | 3                     |

\* Number of seats variable

§ Increase in seats subject to approval by MCI / The Tamil Nadu Dr. MGR Medical University

# Subject to approval by MCI / The Tamil Nadu Dr. MGR Medical University.



## 2.2.2 Higher Specialty Courses

| Subject                           | Course | Duration (years) | No. of Seats* |
|-----------------------------------|--------|------------------|---------------|
| Cardiology                        | DM     | 3                | 6             |
| Cardiothoracic Surgery            | MCh    | 3                | 4             |
| Clinical Haematology              | DM     | 3                | 4             |
| Critical Care Medicine            | DM     | 3                | 1             |
| Endocrine Surgery                 | MCh    | 3                | 1             |
| Endocrinology                     | DM     | 3                | 4             |
| Gastroenterology                  | DM     | 3                | 5             |
| Gynaecological Oncology           | MCh    | 3                | 2             |
| Hand Surgery                      | MCh    | 3                | 1             |
| Hepatology                        | DM     | 3                | 2             |
| Hepato-Pancreato- Biliary Surgery | MCh    | 3                | 2             |
| Infectious Disease                | DM     | 3                | 2             |
| Neonatology                       | DM     | 3                | 2             |
| Nephrology                        | DM     | 3                | 6             |
| Neurology                         | DM     | 3                | 4             |
| Neurosurgery                      | MCh    | 3                | 1             |
| Neurosurgery                      | MCh    | 6                | 3             |
| Paediatric Surgery                | MCh    | 3                | 4             |
| Plastic & Reconstructive Surgery  | MCh    | 3                | 3             |
| Rheumatology                      | DM     | 3                | 4             |
| Urology                           | MCh    | 3                | 5             |
| Vascular Surgery                  | MCh    | 3                | 2             |
| Paediatric Neurology**            | DM     | 3                | 2             |
| Virology** #                      | DM     | 3                | 2             |
| Pulmonary Medicine**              | DM     | 3                | 2             |
| Reproductive Medicine & Surgery** | MCh    | 3                | 3             |

\* Subject to change as per University / MCI regulations

\*\* Subject to approval by the Tamil Nadu Dr. MGR Medical University

# Subject to provision for admissions through NEET-SS 2020

Please check the NEET-SS 2020 Bulletin to be released by the National board of examinations for eligibility to the above courses.

NOTE: POSTGRADUATE COURSES IN THIS INSTITUTION ARE IN-SERVICE TRAINING PROGRAMMES.

### For All Post-Graduate Courses Mentioned in Section 2.2

For MD/MS/Diploma courses and M.Ch Neurosurgery – 6 year course, applications will be invited in October-November of the year preceding. For all Higher Specialty courses, please keep checking our website for updates on the selection process & schedule for admissions.

The College recognizes that merit is not merely academic but is, in addition, a collection of various other factors, which go towards suitability to pursue postgraduate training. The selection process/admission will be subject to any orders passed or that may be passed by the Government / University / Professional Councils.



Tree planting by the out-going batch of Medical Students

### Rules Governing Minority Network Category Candidates:

- a. Any Christian Church or Christian Organization which is a member of the Christian Medical College Vellore Association and any other Church or Christian Body which operates its own medical work in India or neighbouring countries, which is a member of the Council, and which fulfils the criteria as laid down by the Council, is eligible to recommend candidates to the Minority Network category, for selection to the various educational courses run by CMC, Vellore, provided the organization does not run the said course. In addition, the Christian Medical College, Vellore is also a recognized Minority Network organisation.
- b. All bodies that are eligible to recommend candidates to the Minority Network category for selection to the M.B.B.S. course, are eligible to recommend candidates for postgraduate diploma and degree courses provided they do not offer the same course/s. This rule does not apply to CMC, Vellore.
- c. The candidate who was previously recommended by a Minority Network church/organisation to the M.B.B.S. course is required to serve the concerned Minority Network church/organization for a period not less than two years, before being considered for selection to any postgraduate course. Any remaining service period in excess of two years that may have been agreed upon towards recommendation to the

- d. Minority Network category candidates on completion of their postgraduate diploma course opting for repeat recommendation from the same Minority Network church/organisation for a postgraduate degree course in the same specialty, may have their service obligation deferred till the postgraduate degree course is completed.
- e. No Minority Network category candidates shall be considered for admission unless they achieve a set minimum standard in the admission test which indicates that they can successfully complete the course. The candidates should also fulfil the requirements of the respective certifying Board.
- f. The service obligation arising from recommendation to the Minority Network category



should be given as service, and non-fulfilment of service violates the spirit of recommendation to the Minority Network category and the aim and objectives of the Association.

g. Students who do not fulfil the service obligation will not be eligible for admission to postgraduate studies or for appointment as staff of CMC, Vellore. They will not be given any certificates other than those statutorily mandated by the University and respective Professional Council/Regulatory Body.

h. The Principal is authorized to withhold transcripts and other non-statutory certificates issued by the College until the service obligations are fulfilled.

Candidates who are now applying for any postgraduate course under the Minority Network category will be governed also by the following regulations:

i. Recommendation to the Minority Network category will be considered as valid only if the candidate has asked for recommendation in the application form and the church/organization provides the appropriate details on the prescribed forms for recommending the candidates to the Minority Network category.

ii. When a candidate is recommended to the Minority Network category for admission to a postgraduate course, the candidate must sign an agreement to serve the Minority Network church/organisation for a minimum period of two years

following diploma courses, and three years following degree courses. If the concerned Minority Network church/organization is unable to utilise the service of such a candidate, the College will reserve the right to utilise the candidate's obligatory service. The service obligation for recommendation to the Minority Network category should only be in terms of service and not financial compensation. However, if a Minority Network category student seeks relief from the service obligation agreement due to extraordinary circumstances, the request will be considered on merit. Marriage, securing a job outside the country or being selected for a postgraduate course elsewhere is not considered extraordinary circumstances. Students who do not fulfil the service obligation will not be eligible for admission to postgraduate studies or appointment as staff of Christian Medical College, Vellore. They will not be given any certificates other than those statutorily mandated by the University and Indian Medical Council.

iii. Candidates recommended to the Minority Network category to postgraduate courses should have served a minimum period of two years in any position in one or more mission hospitals of any of the supporting bodies of this institution after graduation. This may include training periods after graduation for post-graduate course in CMC, Vellore or any teaching/mission hospital of any supporting body. This period should be completed



by 31/05/2020. Candidates must submit a copy of the certificate(s) issued by the authorised signatory of the supporting bodies of this institution which must state the dates of completion (or expected date of completion) of two years of service, as well as the period and categories of leave allowed and availed.

iv. Recommendation to the Minority Network category will be on the basis of the need of the Minority Network church/organisation to have trained personnel for their mission work. The Minority Network church/organization must give an undertaking that the specialty exists or will be created, and also ensure that a post will be available when the candidate graduates. NO FEES OR DONATION are to be paid for this other than the stipulated application fee for recommendation, which should not exceed Rs. 750/-.

#### Eligibility for Admission to Diploma and MD/MS Level Courses (Including M.Ch 6 Yr)

Please check the relevant admission bulletin on the CMC website for updated information.

Candidates having qualified for the M.B.B.S degree and obtained full registration, having completed their compulsory rotating residential internship before the starting date of the courses, are eligible to apply for the postgraduate diploma and degree courses.

Candidates having qualified with a postgraduate

diploma, may also apply for the postgraduate degree (MS/MD) course in the same subject. Post Diploma candidates with a diploma in the same subject will undergo 2 years of training for the degree.

#### Service Obligation

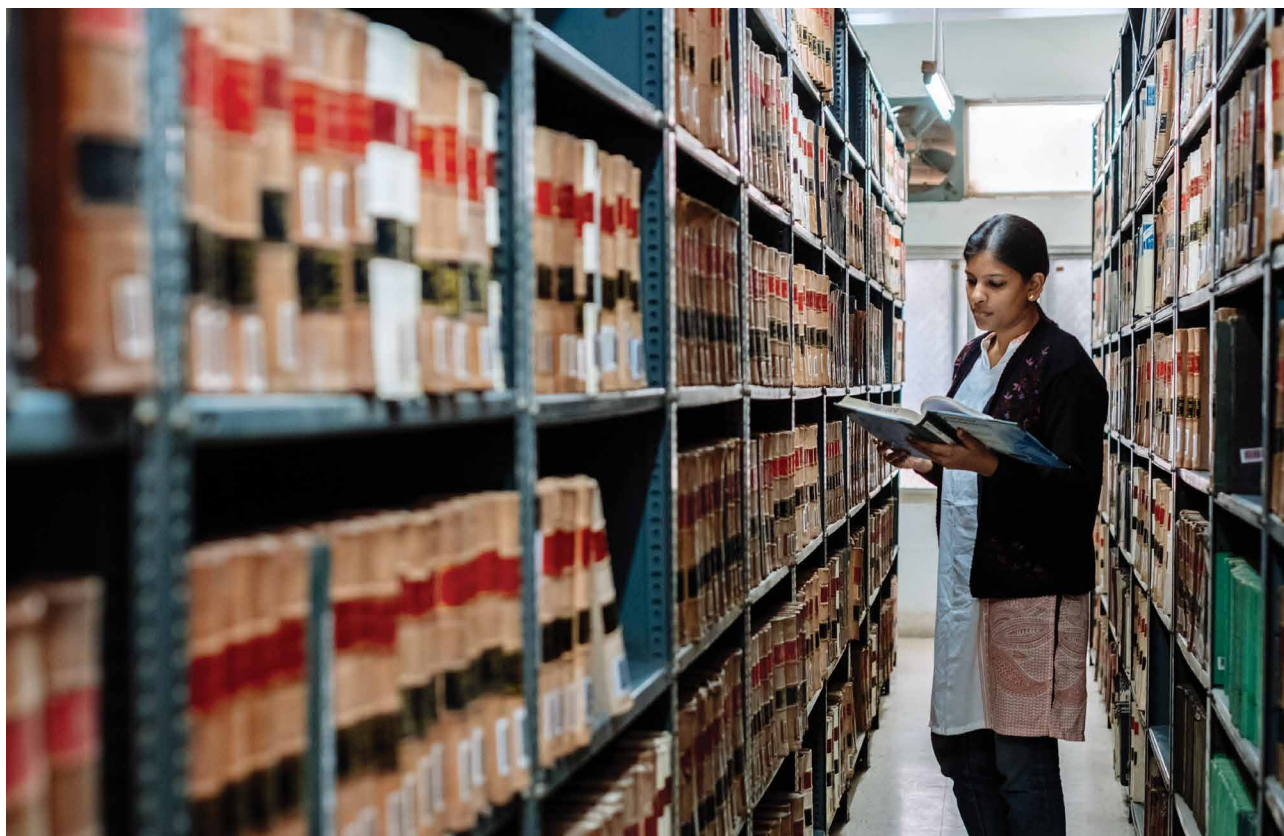
All MD/MS candidates will have a service obligation of 3 years (6 years for 6-year M.Ch Neurosurgery), except for General Merit category candidates admitted to clinical specialties who will have a service obligation of 1 year (3 years for 6-year M.Ch Neurosurgery course), and General Merit candidates admitted to Pre and Para clinical specialties, for whom there is no service obligation.

General Merit category candidates admitted for Diploma courses will have no service obligation, while other categories will have to serve a minimum period of two years.

The service obligation will be at CMC Vellore or one of its associated mission hospitals, after completion of the course.

#### Basis of Admission to Diploma and MD/MS level courses (including M.Ch Neurosurgery 6 Yr)

The admission process will be as described in the Medical Postgraduate/Diploma/MCh Neurosurgery (6 year) admission bulletin 2020, available at our website.



### Registration for Admission to Diploma and MD/MS level courses (including M.Ch 6 Yr)

Those finally selected for admission will be required to register for the course by paying the stipulated fee and completing other admission formalities. Students should submit their certificates in original. Admission to the degree courses will continue to be provisional until approval by the Tamil Nadu Dr M.G.R. Medical University.

### Facilities Available for Medical PG Trainees

**Stipend:** All post-graduate medical courses in CMC are in-service training programmes and post-graduate students are paid a stipend which at present is approximately Rs. 30,000/- per month, while it is approximately Rs. 50,000/- per month for those undergoing post-graduate training in Higher Specialties.

**Accommodation:** Partly furnished single/shared accommodation is provided for all postgraduate students. Meals can be obtained from the canteens in the hospital premises. Meals can also be had from the mess run at the Men Intern's Quarters or Lady Doctor's Hostel, or from one of the many hotels in the vicinity of the hospital. Students are required to vacate their accommodation within 2 weeks of finishing their course.

**Research Activity of Each Department:** The Christian Medical College supports an active medical research programme. To broaden this experience, the trainee is encouraged to participate in research activities. A Research Methodology course will be conducted for all newly selected postgraduate students. Attendance for this course is mandatory. Students can obtain research grants from the CMC Research Committee, provided they have attended the research methodology course.

**Medical Records Department:** In clinical areas, special emphasis is given to medical record keeping. There is a well organised Medical Records Library in the institution as well as a departmental records system. Facilities are provided in these areas for trainees to conduct retrospective case studies from the records.

**Recreation:** Facilities for tennis, badminton, basketball, volleyball, football, cricket, hockey and table tennis are available.

**Staff/Student Health Clinic:** The medical needs of the students and staff of the Christian Medical College are met through the clinic provided for this purpose. Hepatitis B Vaccination is mandatory for all students. If the candidate has already been vaccinated elsewhere, the serum antibody titres need to be confirmed by the Staff Students Health Services.

## 2.3 POST GRADUATE FELLOWSHIP COURSES

| Course Name                   | Eligibility | Duration | No of seats |
|-------------------------------|-------------|----------|-------------|
| Accident & Emergency Medicine | MBBS        | 2 years  | 10          |
| Advanced General Dentistry    | BDS         | 2 years  | 4           |
| Laser Dentistry               | BDS         | 1 year   | 1           |
| Neonatology                   | MBBS, DCH   | 1 year   | 1           |
| Palliative Medicine           | MBBS        | 1 year   | 2           |

NOTE: POSTGRADUATE COURSES IN THIS INSTITUTION ARE FULL-TIME IN-SERVICE TRAINING PROGRAMMES AND MEDICAL PRACTICE OUTSIDE THE INSTITUTION IS STRICTLY NOT PERMITTED.

All the listed Fellowship courses are 'skills development programmes' and should not be considered equivalent / replacement of Medical Council of India recognized courses.

### Post Graduate Fellowship in Accident & Emergency Medicine

This is a two year in-service training for MBBS graduate doctors interested in handling emergencies and early management of trauma. The training experience is predominantly in the department of Accident & Emergency Medicine, a 50-bedded independent clinical unit which handles about 240-300 adult emergencies every day. About 20 cases of medico-legally significant trauma are registered daily. This centre is recognised by the WHO as the South East Asian Regional Training Centre for Emergency Medicine and is presently the largest such departments in the country. The curriculum also includes rotations in the various units of the Division of Critical Care Medicine as well as the Paediatric Emergency Department.

The Fellowship course is certified by CMC, Vellore. Selected candidates will be paid a consolidated monthly stipend and provided shared accommodation within the CMC Campus, subject to availability. During the tenure, trainees are expected to complete a scientific research project, maintain a logbook and qualify in theory and clinical examinations in the second years of their training.

**Eligibility:** MBBS  
**Duration:** 2 years

### Post Graduate Fellowship in Advanced General Dentistry

General Dentistry is a broad discipline of dentistry which enables dentists to meet most of the dental needs of their patients. This two year fellowship

helps trainees to gain understanding, improve skills and develop attitudes which will benefit them in their later role as a practicing General dentist or Hospital dentist.

The course provides a patient centred, integrated approach to dentistry focuses on providing comprehensive and quality care to patients. Candidates learn principles of dental management of medically compromised patients and the care of patients with tobacco related disease. They learn casualty, ward and theatre responsibilities, to gain skills in hospital dentistry.

Skills training in advanced general dentistry include selected endodontic, prosthetic, periodontal, and surgical dentistry procedures. The programme also provides training in 4 handed dentistry, office safety measures, teaching methodology, practice management and electronic records. Opportunity will also be available for work in individual practice and community settings.

Academic training is through small group discussions and interactive lectures. Each trainee will be required to complete a clinical or management audit during the course. The candidates will maintain log book entries (electronic) of procedures done

The fellowship is open to those who have completed BDS (Tamil Nadu Dental Council registration required). The selection is through entrance examination and interview. Preference will be given to those who have completed previous Post Graduate training in foundational general dentistry.

**Eligibility:** BDS  
**Duration:** 2 years



### Post Graduate Fellowship in Laser Dentistry

Lasers have been used in dentistry since 1994 to treat a number of dental problems. Laser dentistry is a minimally invasive treatment option that is now available for a wide variety of procedures in dental practice. This one-year Fellowship course will introduce BDS graduates to the understanding of laser physics and the use of lasers in dentistry. The fellowship trainees will also learn the basic scientific principles involved in laser dentistry, get familiar with the safety aspects of using lasers in dental practice and have a clear understanding on the advantages of laser applications in dentistry over the conventional methods.

The training will predominantly take place within the department of Dental and Oral Surgery. The department provides for the dental care and treatment of more than 100 outpatients and inpatients each day. The treatment options that are provided in the department include a wide range of surgical and non surgical treatments including prosthetic, orthodontic, paediatric, periodontic and endodontic procedures. The trainees will be exposed to the applications and use of lasers in the different specialities of dentistry. They will be involved in the diagnosis and treatment

planning of oral conditions that require treatment with laser therapy. Teaching will also be incorporated through clinical case discussions and interactive lectures/seminars. All trainees are expected to maintain a log book during their fellowship tenure. Apart from clinical responsibilities, the trainee will also be involved in designing clinical studies and audit of the clinical work.

**Eligibility:** BDS  
**Duration:** 1 year

### Post Graduate Fellowship in Neonatology

Neonatal mortality is the biggest contributor to infant and under-5 mortality rates in India and throughout the world. It is estimated that about 5 million newborn die in the first 28 days of life in India per year. The World Health Organization and the Indian Academy of Paediatrics have thus identified improvement in neonatal health as a major step to reduce childhood mortality and morbidity.

This one year Fellowship course for Paediatric diploma holders (DCH) will be particularly relevant to our Paediatricians who go back to work in smaller hospitals where majority of the work is in maternity and child health. It will equip trainees to confidently manage problems of the normal newborn as well as



the sick newborn. The trainees will acquire skills of resuscitation, pre and post-op management of newborn, basic ventilation, including non-invasive ventilation. It will also give them an opportunity to gain hands-on training in head ultrasound, echocardiography and use of nitric oxide, aEEG etc. They are expected to present at academic sessions and will also receive training in Developmental Assessment of infants thus giving a platform for postgraduate education.

**Eligibility:** DCH  
**Duration:** 1 year

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### Post Graduate Fellowship in Palliative Medicine

The Post Graduate Fellowship in Palliative Medicine is a one year fulltime residential course that covers the clinical, psychosocial and ethical aspects of palliative care as well as teaching and leadership skills. The goal of the Fellowship is to train doctors to learn, incorporate and teach the principles of palliative care, ethics and communication skills in clinical practice.

Candidates with an M.B.B.S Degree are eligible to apply for the fellowship. Candidates with postgraduate qualifications (diploma/MD/ DNB) are also invited to apply.

The course will cover subjects such as pain, gastrointestinal, respiratory, ENT and genitourinary symptoms, emergencies, psychiatry, terminal care, chronic oedema and wound care. Communication, professional and management skills, teaching skills, ethics, spirituality, teamwork and models of palliative care are the other subjects covered during the course. Learning opportunities also include academic writing, accessing and using information and clinical guidelines.

The Fellowship candidates are part of the Palliative Care team at CMC, Vellore and participate in the clinical and educational activities. They are involved in the work of palliative care clinic, inpatient care and home care. The in-service training also includes oncall duties in the hospital.

**Eligibility:** MBBS or Diploma/MD/DNB  
**Duration:** 1 year



## 2.4 POST DOCTORAL FELLOWSHIP COURSES

| Course   | Eligibility   | Duration | No. of seats   |
|--|---|----------|--|
| <b>Anaesthesia</b>                                     |   |          |  |
| Cardiac Anaesthesia*                                   | MD/DNB Anaesthesia  | 1 year   | 1  |
| Neuro Anaesthesia*                                     |   | 1 year   | 2  |
| Advanced Clinical Anaesthesia & perioperative Medicine |   | 1 year   | 5  |
| Paediatric Anaesthesia                                 |   | 1 year   | 4  |
| Regional Anaesthesia and Pain Medicine                 |   | 1 year   | 2  |
| <b>Cardiology</b>                                      |   |          |  |
| Clinical Cardiac Electro Physiology                    | DM/DNB Cardiology   | 1 year   | 2  |
| <b>Critical Care</b>                                   |   |          |  |
| Critical Care Medicine                                 | MD/DNB Anaesthesia/General Medicine/<br>Pulmonary Medicine/ Emergency Medicine/MS/<br>DNB General Surgery | 2 years  | 10   |
| <b>Dental</b>  |   |          |  |
| Advanced Training in Oral & Maxillofacial Surgery      | MDS (Oral & Maxillo-facial Surgery)   | 2 years  | 1  |
| <b>Dermatology</b>                                     |   |          |  |
| Paediatric Dermatology                                 | MD/DNB Dermatology, Venereology & Leprosy   | 1 year   | 1  |
| Advanced Medical Dermatology                           |   | 1 year   | 1  |
| Dermatosurgery   |   | 1 year   | 1  |
| <b>Endocrinology</b>                                   |   |          |  |
| Diabetology*   | MD/DNB General Medicine/Geriatric   | 1 year   | 2  |
| <b>Endocrine Surgery</b>                               |   |          |  |
| Breast & Endocrine Surgery                             | MS/DNB General Surgery  | 1 year   | 1  |
| <b>ENT</b>   |   |          |  |
| Audio Vestibular Diseases*                             | MS/DNB in ENT   | 2 years  | 1  |
| ENT – Head & Neck – Skull Base Surgery                 |   |          | 1  |
| Implantation Otology*                                  |   |          | 1  |
| Paediatric Otorhinolaryngology*                        |   |          | 1  |
| Laryngology & Phonosurgery                             |   |          | MS/DNB in ENT. Preference will be given to 2 year post degree experience |
| Rhinology*   | MS/DNB in ENT   | 1        |  |
| <b>Gastrointestinal Sciences</b>                       |   |          |  |
| Advanced Gastrointestinal Endoscopy <sup>\$</sup>      | DM/DNB in Medical Gastroenterology  | 1 year   | 1  |
| <b>Haematology</b>                                     |   |          |  |
| Bone Marrow & Stem Cell Transplantation                | DM/DNB Clinical Haematology / Medical Oncology  | 1 year   | 2  |
| Clinical Haematology                                   | MD/DNB General Medicine/Paediatrics/ MD<br>Pathology/Transfusion Medicine                                 | 2 years  | 4  |
| Molecular Haematology                                  | MD/DNB Pathology  | 2 years  | 1  |
| <b>Hepatology</b>                                      |   |          |  |
| Clinical Hepatology                                    | MD/DNB General Medicine/Paediatrics   | 1 year   | 2  |

| Medicine                                    |   |          |                                    |
|---|---|----------|------------------------------------|
| Clinical Genetics                           | MD/DNB in any subject,<br>MS/DNB in Obstetrics and Gynaecology  | 2 years  | 2                                  |
| Emergency Medicine*                         | MD/DNB General Medicine/Anaesthesiology /<br>Pulmonary Medicine / MS / DNB General Surgery/<br>Orthopaedics | 1 year   | 2                                  |
| Geriatric Medicine                          | MD/DNB General Medicine/Family Medicine   | 1 year   | 1                                  |
| Microbial Medicine and Infections Control*  | MD/DNB General Medicine/Paediatrics/ Geriatrics   | 2 years  | 2                                  |
| Neurocritical Care                          | MD/DNB General Medicine/ Anaesthesia/Pul-<br>monary Medicine/MCh Neurosurgery/DM<br>Neurology               | 1 year   | 1                                  |
| Nephrology                                  |   |          |                                    |
| Interventional Nephrology                   | DM/DNB Nephrology   | 6 months | 2 per annum#<br>(1 every 6 months) |
| Renal Transplantation                       | DM/DNB Nephrology   | 1 year   | 1                                  |
| Neurology                                   |   |          |                                    |
| Paediatric Neurology                        | MD/DNB Paediatrics  | 2 years  | 2                                  |
| Neurosurgery                                |   |          |                                    |
| Neurosurgery Spine                          | MCh/DNB Neurosurgery completed within the<br>last 5 year  | 1 year   | 2                                  |
| Paediatric Neurosurgery                     |   | 1 year   | 2                                  |
| Skull Base Neurosurgery                     |   | 1 year   | 2                                  |
| Obstetrics & Gynaecology                    |   |          |                                    |
| Gynaec Oncology*                            | MS/DNB Obstetrics & Gynaecology   | 2 years  | 1                                  |
| Reproductive Medicine*                      | MD/MS/DNB Obstetrics & Gynaecology  |          | 1                                  |
| Orthopaedics                                |   |          |                                    |
| Paediatric Orthopaedics*                    | MS/DNB Orthopaedics   | 2 years  | 2                                  |
| Short Fellowship in Paediatric Orthopaedics |   | 6 months | 2 per annum<br>(1 every 6 months)  |
| Spinal Disorders Surgery                    |   | 2 years  | 2                                  |
| Hand & Reconstructive Microsurgery*         | MS / DNB Orthopaedics / MCh / DNB Plastic<br>Surgery  | 1 year   | 2                                  |
| Pathology                                   |   |          |                                    |
| Cytogenetics*                               | MD/DNB Pathology/Anatomy  | 2 years  | 1                                  |
| Laboratory Haematology                      | MD/DNB Pathology/MD Transfusion Medicine  |          | 2                                  |
| Haematopathology                            | MD/DNB Pathology  |          | 1                                  |
| Neuropathology                              | MD Pathology  |          | 1                                  |
| Molecular Pathology                         | MD Pathology / Biochemistry   | 1 year   | 1                                  |
| Paediatrics                                 |   |          |                                    |
| Developmental Paediatrics                   | MD/DNB Paediatrics  | 2 years  | 2                                  |
| Paediatric Infectious Diseases              |   |          | 2                                  |
| Paediatric Intensive Care                   |   |          | 4                                  |
| Paediatric Nephrology*                      |   |          | 2                                  |

|  |   |         |   |
|--|---|---------|---|
| Neonatology  | MD/DNB Paediatrics  | 1 year  | 2 |
| Paediatric Emergency Medicine  |   |         | 3 |
| Paediatric Hemato-Oncology   |   | 2 years | 2 |
| Acute Care Paediatrics   |   | 1 year  | 1 |
| <b>Psychiatry</b>  |   |         |   |
| Child & Adolescent Psychiatry  | MD / DNB Psychiatry                                       | 2 years | 2 |
| <b>Radiology</b>   |   |         |   |
| Cardiovascular & Thoracic Imaging  | MD/DNB Radiology  | 1 year  | 1 |
| Cross Sectional Imaging  |   | 1 year  | 1 |
| Neuro & Vascular Interventional Radiology*   |   | 2 years | 2 |
| Paediatric Radiology   |   | 1 year  | 1 |
| <b>Respiratory Medicine</b>  |   |         |   |
| Allergy, Asthma & Immunology   | MD/DNB Respiratory Medicine/ General Medicine/Paediatrics | 2 years | 2 |
| Pulmonology  | MD/DNB Respiratory Medicine/ General Medicine             |         | 4 |
| <b>Rheumatology</b>  |   |         |   |
| Advanced Arthritis, Rheumatism & Autoimmunity (formerly known as Clinical Immunology & Rheumatology) | MD/DNB General Medicine/Paediatrics                       | 2 years | 3 |
| <b>Surgery</b>   |   |         |   |
| Colorectal Surgery   | MS/DNB General Surgery                                    | 2 years | 1 |
| Head & Neck Surgery including Microvascular Reconstructive Surgery                                   | MS/DNB General Surgery/ENT                                | 2 years | 3 |
| Upper GI & Bariatric Surgery   | MS/DNB General Surgery or MCh/DNB GI Surgery              | 2 years | 1 |
| Phlebology   | MS/DNB General Surgery /MD /DNB Dermatology/ Radiology    | 1 year  | 1 |

NOTE: POSTGRADUATE COURSES IN THIS INSTITUTION ARE FULL-TIME IN-SERVICE TRAINING PROGRAMMES AND MEDICAL PRACTICE OUTSIDE THE INSTITUTION IS STRICTLY NOT PERMITTED.

All the listed Fellowship courses are 'skills development programmes' and should not be considered equivalent / replacement of Medical Council of India recognized courses.

\* Courses affiliated to the Tamil Nadu Dr MGR Medical University

# Subject to change

\$ A candidate who has appeared for the DM/MCh exam is eligible to apply, but registration for the course will be only on 15<sup>th</sup> September 2020.

### Post Doctoral Fellowship in Cardiac Anaesthesia

The Department of Anaesthesia, offers opportunities for those interested in advanced cardio-thoracic anaesthesia training. The cardiothoracic department does about 1300 surgeries every year, which include 250 cases of congenital heart surgeries, 900 adult cardiac surgeries and about 300 lung surgeries. In addition around 300 cases in cardiac catheterization labs are done.

The one year Fellowship programme in cardiac

anaesthesia is affiliated to The Tamil Nadu Dr. MGR. Medical University. The cases involve training in both adult, paediatric TEE, invasive monitoring including pulmonary artery catheters. The trainees will rotate through CTVS operating rooms, CTVS ICU and Cardiology. Candidates get exposure to thoracic surgery cases like VATS, lobectomy, pneumonectomy & procedures like DLT, bronchial blockers, fiberoptic bronchoscopy. In addition the course offers exposure to TAVI & major aortic endovascular interventions.

We do fast tracking of our congenital heart disease cases using ultrasound guided paravertebral blocks. In addition, the candidate will get trained in ultrasound, trans thoracic and trans esophageal echo. We run a yearly perioperative echo course and thoracic anaesthesia CME, from which the candidates benefit. We have regular academic schedule with case discussions and echo rounds weekly.

Candidates will be given the opportunity to attend a research methodology course. They are required to do research work, which will be presented in the IACTA conference and be sent to a peer-reviewed journal.

On completion of the course, the candidates will have a university exit exam which includes clinical examination and VIVA VOCE. The candidate needs to submit a clinical and echo-cardiography log book which will enable them to take FTEE exams.

**Eligibility:** MD/DNB Anaesthesia  
**Duration:** 1 year.

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### Post Doctoral Fellowship in Neuro Anaesthesia

The Department of Anaesthesia offers opportunity for those interested in advanced neuroanaesthesiology training. The Neurosciences department does about 3000 neuro surgical procedures per year with an extensive range of cases which include tumour surgery, seizure surgery, trans nasal trans-sphenoidal pituitary surgery, intracranial aneurysms and other vascular procedures, spinal instrumentations, neurotrauma, paediatric neurosurgery and awake craniotomy. The neurosciences department is the pioneer in the field of intraoperative neuromonitoring and evoked potential monitoring in India.

The one-year fellowship in neuroanaesthesiology is open to those who have finished M.D or DNB in Anaesthesiology. This course involves training in the state of the art newer techniques of anaesthesia and intraoperative neuro monitoring for neurosurgical procedures.

The trainees rotate through neurosurgery operation theatres and Neuro intensive care and Neurotrauma ICU which has 18 beds. They are exposed to Neuro radiology and undergo a short training in intraoperative neuromonitoring. There is ample opportunity for hands-on training in procedures such as arterial cannulations, ultrasound guided and

ECG guided central venous cannulations, fiberoptic and video laryngoscopic intubations. Trainees are exposed to Trans-cranial Doppler and intracranial pressure monitoring techniques.

They also get an opportunity to train in EEG and depth of anaesthesia monitoring. The trainees have exposure to anaesthesia for stereotactic procedures, MRI, interventional and other neuroradiological procedures. They are also trained in anaesthesia for emergency neurosurgery. There is opportunity for research and trainees are encouraged to publish their work in peer-reviewed journals.

**Eligibility:** MD/DNB Anaesthesia  
**Duration:** 1 year

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### Advanced Clinical Anaesthesia and Peri-operative medicine

Advanced Clinical Anaesthesia is an emerging specialty in Anaesthesia that emphasizes the care of high risk patients and high risk procedures. Peri-operative medicine emphasizes the care of patients from the time surgery is contemplated until full recovery. Anesthesiologists are uniquely positioned to touch each phase of this pathway of care. If the graduate is not exposed to all surgical specialty procedures or patients with varying comorbidities, during their years of training, it can affect his/her level of confidence before embarking on independent practice.

This one year fellowship course is being offered by the department of Anaesthesia, Christian Medical College & Hospital, Vellore. We anesthetize about 35-40,000 elective cases and 11000 emergency cases every year which also includes anesthesia in remote locations.

The fellow, on a rotational basis, will be assigned to work in theaters that include surgical oncology surgeries, hepatobiliary surgeries, bariatric surgeries, major genitourinary surgeries, head and neck surgeries, reconstructive plastic surgery, ENT, including airway surgeries, joint replacement and spine surgeries, high risk obstetrics and trauma. The fellow will also spend 2 weeks each in cardiothoracic, neurosurgery and paediatrics. The remote location anaesthesia services include provision of anesthesia for patients in radiology suite for MRI, CT, US guided procedures, Interventional Radiology, Gastroscopy suite, Radiation therapy, Cardiac catheterization suite, ECT in department of Psychiatry. The fellow



will have opportunities to train in management of difficult airway including the usage of alternative devices such as the intubating laryngeal mask, bronchoscope, and video laryngoscope, rigid bronchoscopes and jet ventilation. The fellow will be involved in the pre-anesthetic clinic for pre-operative assessment and planning which allows him/her to acquire experience and expertise in systematic preoperative evaluation, cardiac and pulmonary risk assessment and preoperative optimisation. They will be exposed to ultrasound guided regional anaesthesia in both elective and emergency theaters. Fellows will also participate in running the acute pain services on a rotational basis.

The fellow also has the opportunity to participate in Research and academic activities of the department and attend one National/state conference or workshop.

This fellowship with structured rotation in all specialty cases will help to foster clinical excellence in the peri-operative management of a broad range of surgical cases and non-surgical invasive procedures.

**Eligibility:** MD/DNB Anaesthesia.

Candidates should bring a letter from the Head of the Department of training institute along with logbook and portfolio, for the interview.

**Duration:** 1 year

### Post Doctoral Fellowship in Clinical Cardiac Electrophysiology

The Cardiac Pacing Service has been progressively made available by the Cardiology Department at Christian Medical College Vellore from the early nineties starting with single chamber devices, later moving on to dual chamber and finally resynchronization therapy. Cardiac Electrophysiology Services were subsequently added on from 2004. In 2009 an independent Service separately staffed with dedicated fully trained Cardiac Electrophysiologists was started. A dedicated Cath-lab, separate device follow-up clinic with dedicated personnel managing device-related problems, specialized arrhythmia assessments, use of 3-D mapping technology, complex ablation procedures were systematically made available since then. Over 3000 radiofrequency ablation procedures have been performed since 2009 which includes complex cases requiring 3-D mapping. The Unit implants over 325 devices every year which includes about 20 CRT and 40 ICD devices. Currently about 250 ablations are performed on a yearly basis, 70 of which are complex and involved 3-D mapping technology. The Unit has to its credit several firsts in the country which includes the first esophageal EP study in neonates, the first ICD lead extraction using

the Tight rail device, the first VT ablation involving activation mapping done with ECMO support, the first zero fluoroscopy AVNRT and VT ablation. The Unit has two trained Professors in Electrophysiology. The Unit boasts of the first electro physiologist in the country with a pediatric fellowship and hence has a large volume of pediatric electrophysiology cases. In addition to a dedicated EP Catheterization Lab, the unit has excellent support facilities that include Holter, Head-Up Tilt Testing, Device Clinic, Medical Genetics, Radiology and Thoracic Surgery back up.

The academic activities include weekly journal and EP tracing rounds and. The Unit also organizes periodic visits to anatomy and bioengineering departments towards better understanding of anatomy and equipment development. The training will include supervised management of cardiac arrhythmia in the out-patient and in-patient services including Cardiac Arrhythmia related consultations and Cardiac Implantable Electronic Device followup (programming of devices and trouble-shooting). During the 2 year fellowship, the fellow will be expected to work on and publish 2 papers and present the same at a National-level conference while actively taking part in the departmental research activity. The training is intended to be progressively incremental supervised 'hands-on'. In the first year of fellowship the trainee will achieve proficiency in arrhythmia ECG/CIED tracing interpretation that includes Holter besides learning to perform simple ablations, pacemaker and ICD implantations. The second year will be devoted to performing complex ablations and CRT implants under supervision. Six-monthly assessments of the fellows will be performed by the supervisors. Fellowship degree will be awarded only on completion of the 2 year course and securing 75% marks in the exit examination.

**Eligibility:** DM/DNB Cardiology

**Duration:** 1 year

### Post Doctoral Fellowship in Critical Care Medicine

Critical Care Medicine (also known as Intensive Care) is a hybrid specialty blending the knowledge and skills of internal medicine, respiratory medicine and anaesthesiology. In critical care, patients with life threatening illness resulting in organ failure are supported with either or all of the following: ventilation, inotropes, and dialysis.



The demand for Critical Care is rising and will continue to increase, with increase in age of the population, multiple co-morbidities, road accidents and invasive interventions. Intensive Care is short of trained personnel who can meet this demand and improve outcomes, as the specialty is relatively young and recognised training courses are limited.

This Fellowship Course in Critical Care is designed to fill the need for intensivists.

This two year course involves rotations in Medical, Surgical, Neurosciences and Paediatric ICUs, Radiology, Echocardiography, Dialysis among others. This in-service training programme ensures adequate exposure to management of all types of critical illness, with hands-on experience in airway management, invasive line placements, ultrasound and echocardiogram, advanced ventilation, bronchoscopy, renal support etc. There is also a great opportunity for research.

Various courses run by the department include BASIC and very BASIC courses, basic and advanced ultrasound. Working amidst young, energetic and enthusiastic intensivists, students will find themselves prepared to take over a Critical Care Unit. The department is recognised by the College of Intensive Care Medicine, Australia, as a training centre.

The skills acquired also include 'soft skills' like communication and administration. An exit exam is

conducted by the Christian Medical College, Vellore for the award of the Fellowship.

**Eligibility:** MD/DNB Anaesthesia/General Medicine/  
Pulmonary Medicine/Emergency Medicine/General  
Surgery (MS / DNB)

**Duration:** 2 years

### Post Doctoral Fellowship in Oral and Maxillofacial Surgery

The objective of this course is to train Oral & Maxillo-Facial surgeons to develop competence in clinical decision making and required surgical skills. The fellowship involves a 2 year period of in-service training. The post has academic, service and teaching responsibilities, within the role of a specialist senior registrar. Candidates have the opportunity to work with allied specialties such as Head and Neck, Surgical Oncology, Radiation therapy, ENT, peripheral hospital maxillofacial departments & Emergency Medicine.

Competence training is through a process of clinical mentoring and surgical apprenticeship. Trainees maintain a log book & have periodic assessments of clinical reasoning, attitudes & skills in diagnosis, treatment planning, surgery & teaching of junior staff. Academic activities such as journal reviews, clinical meetings and publication are encouraged. Training includes documentation and maintenance of the case profiles, for presentation of comprehensive clinical management of all cases seen. Clinical research through audit/basic research is a course requirement.

**Eligibility:** MDS (Oral & Maxillofacial Surgery)

**Duration:** 2 years

### Post Doctoral Fellowship in Paediatric Dermatology

Paediatric Dermatology is affiliated to Unit 1 and is an integral part of the clinical services and academic programme. Currently the Paediatric Dermatology clinics functions four times a week along with special clinics for cutaneous vascular malformation, epidermolysis bullosa, vitiligo, psoriasis and genodermatoses. We see an average of 1000 paediatric outpatients per month in the clinic and 40-50 in-patient consultations. In addition, dermatology related paediatric emergencies are seen by the paediatric dermatology fellow or junior resident and the attending "on call" consultant on a daily basis.

The Paediatric Dermatology Fellowship course is a one-year training programme. The fellowship programme is structured to give the candidate a robust broad based training in core Paediatric Dermatology and allied specialties of Paediatric Infectious disease, Rheumatology, Clinical Genetics and the Cytogenetics department. The candidate is also trained in common dermatology related surgical procedures. The programme includes bedside teaching as well as in-service, hands-on training.

**Eligibility:** MD/DNB (Dermatology)

**Duration:** 1 year

### Post Doctoral Fellowship in Advanced Medical Dermatology

The Department of Dermatology, Venereology & Leprosy Unit 2 offers an opportunity for training in Advanced Medical Dermatology. Medical Dermatology has been recognized as a subspecialty of Dermatology mainly in the UK and the USA for improving the care of patients whose skin diseases or therapies have substantial systemic consequences. This fellowship is a one year in-service program that will allow dermatologists to receive highly specialized training in the diagnosis and management of complex medical dermatological conditions. The training includes components of evidence based management in diseases with systemic manifestations and the ability to exercise this expertise in academic and community settings.

The Department of Dermatology offers ambulatory and in-patient services for all diseases affecting the skin and mucosae, and systemic diseases with skin manifestations. The unit has an annual strength of 60,000 outpatients, 450 inpatients, and 2500 inpatient consultations. The department conducts the following special clinics – infectious disease clinic, tropical dermatology clinic, autoimmune bullous disorders clinic, psoriasis clinic, haematology-dermatology clinic. The unit is also part of the skin cancer multidisciplinary clinic which caters to the needs of patients with difficult to treat skin cancer.

The fellow will participate actively in the general Dermatology and special clinics run by the department, attend the skin cancer MDT and interdepartmental medical consultations for the inpatients. It will also give an opportunity to attend various academic interdisciplinary activities including Tropical Dermatology – Infectious

Disease meeting, Dermatopathology and Clinical Microbiology sessions, etc. The fellow will receive adequate exposure and training in epidemiology and research methodology. During the tenure, the fellow is expected to complete a scientific research project.

An exit exam will be conducted by Christian Medical College, Vellore for the award of the Fellowship. This program is unique and first of its kind and will equip the young dermatologist to be proficient in managing all complex medical dermatology.

**Eligibility:** MD/DNB (Dermatology)

**Duration:** 1 year

### Post Doctoral Fellowship in Dermatosurgery

The Department of Dermatology unit 2 offers opportunity for Dermatosurgery training. This Fellowship is a one year program that will allow dermatologists to receive specialized training in the field of dermatosurgery. Dermatosurgery is a relatively new specialty. Significant advances in dermatosurgery have taken place during the last decade, making it difficult to have a thorough training covering this during one's post-graduate course. The Department of Dermatology at CMC has state of the art LASER equipment and experienced staff in the field of dermatosurgery.

The dermatosurgery fellow will participate actively in the cosmetic dermatology clinic and also be involved in the various basic and specialized dermatosurgical procedures like cryotherapy, chemical peels, skin and nerve biopsies, follicular unit extraction and transplantation, platelet rich plasma, electrolysis, skin rejuvenation, microneedling, botulinum toxin. The fellow will be trained in various acne scar surgeries and vitiligo surgeries and receive training in the use of fractional and surgical CO2 laser, long pulsed and Q switched NdYAG lasers. The fellow will also participate in various departmental academic activities.

During the tenure, the fellow is expected to complete a scientific research project. An exit exam will be conducted by the Christian Medical College, Vellore for the award of the Fellowship.

**Eligibility:** MD/DNB (Dermatology)

**Duration:** 1 year

### Post Doctoral Fellowship in Diabetology

Post Doctoral Fellowship in Diabetology is a one year course for M.D./ DNB Medicine graduates. The department of Endocrinology, Diabetes and Metabolism of CMC Vellore, has intensified its activities in clinical spheres, training and research for the past decade and is now considered to be one of the leaders in training and research in diabetes in India.

Over a period of one year, the fellows receive rigorous training aimed at inpatient and outpatient management of patients with diabetes presenting with micro and macrovascular complications, as well as infections related to diabetes mellitus. The unique features of our fellowship course includes exhaustive training in the integrated management of diabetes foot problems, the adult young diabetes clinic, gestational diabetes clinic and the ophthalmology clinic. There are also compulsory rotations in departments of Clinical Biochemistry and Nephrology to understand the basics of laboratory tests for diabetes mellitus and nuances of diabetes management in patients with chronic kidney disease.

In addition to comprehensive clinical training, research work in relation to a clinical or basic science project is mandatory. The fellows also have opportunities to gain some experience in performing euglycaemic- hyperinsulinemic clamp studies and state-of-the-art molecular laboratory techniques. The collaborative research work with Karolinska, Albert Einstein Medical College (New York) and Copenhagen University gives the post graduates an insight into basic science research in diabetes mellitus. Field work and outreach programmes are an integral part.

There will be a theory and practical examination at the end of the fellowship programme, minimum marks of 50% should be secured in both for successful completion and certification.

**Eligibility:** MD / DNB General Medicine

**Duration:** 1 year

### Post Doctoral Fellowship in Breast & Endocrine Surgery

The Department of Endocrine Surgery is involved in the management of thyroid, parathyroid, adrenal, endocrine pancreas, neuroendocrine tumours and breast diseases (including benign and malignant).



Candidates for the Breast and Endocrine Surgery Fellowship training are surgeons who have completed their MS in General Surgery and have an interest in Breast & Endocrine Surgery. This is a one year training in the Department of Endocrine Surgery with onsite attachments in the Departments of Endocrinology, Cytopathology, Histopathology, Radiology, Nuclear Medicine Radiotherapy and Medical Oncology. The trainees are adequately exposed to a high volume case load through outpatient clinics and inpatient admission and weekly multidisciplinary team meetings to discuss challenging cases. Trainees receive hands-on exposure in the operating room as well as management of patients through on-call duties both in the outpatient and inpatient services.

At the end of the Fellowship, trainees will be adequately skilled and equipped to handle preoperative assessment, surgical decision making and intra operative independent management of thyroid, breast and parathyroid tumours. Trainees will become fluent in the workup of rare diseases of the adrenal, endocrine pancreas and neuro endocrine tumours, as part of disease management groups..

**Eligibility:** MS / DNB General Surgery

**Duration:** 1 year

### Post Doctoral Fellowship in Audio Vestibular Diseases

Audio vestibular sciences is an upcoming specialty in ENT which is often neglected but offers great scope for future practice. It is concerned with the clinical evaluation, investigation, diagnosis and management of adults and children with disorders of balance, hearing and tinnitus. This post-doctoral fellowship programme is the first of its kind in India and running successfully in our institution since 2013. It is aimed at delivering the broadest spectrum of clinical training in the audio vestibular specialty so that young ENT surgeons have the confidence and skills to provide holistic and modern treatment in these conditions in both rural and urban settings independently.

We have a well-equipped audiovestibular lab with more than 10 audiologists and speech pathologists to support our team. Here advanced evaluation and therapy for such patients are offered.

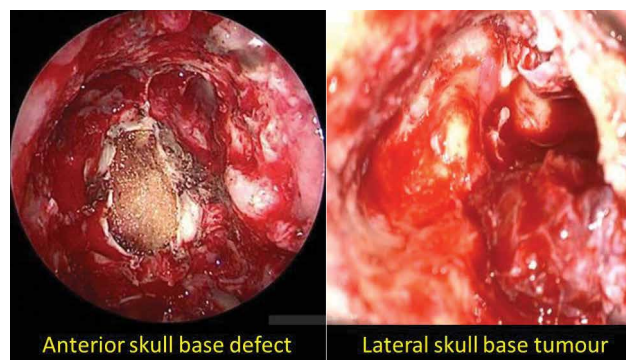
Specific objectives: The course is aimed at capacity building of the trainee's skills in clinical science (both surgical and medical), research & teaching.

**Course Structure:** This is a full-time in-service training of two years' duration, where the trainee is exposed to clinical cases, diagnostic tests and actively participates in interventional procedures, surgeries and academics. The trainee is expected to complete a scientific research project before the completion of the course. This course is accredited by the Tamil Nadu Dr MGR University. Before the completion of the course there is an exit practical exam conducted by the University.

**Eligibility:** MS/DNB ENT

**Duration:** 2 years

### Post Doctoral Fellowship in ENT-Head & Neck-Skull Base Surgery



Anterior skull base defect

Lateral skull base tumour

Head & Neck - Skull Base Surgery is a subspecialty of ENT that deals with the diagnosis, evaluation and management of skull base diseases, especially tumours. The current basic training in ENT does not adequately prepare an ENT surgeon to deal with the comprehensive management of these tumours. Specialized training and surgical expertise with an ENT perspective of preserving physiological functions present in the access pathway, is required for management of these diseases.

This two year fellowship in Skull Base Surgery conducted by the ENT-1 unit, has open, microscopic and endoscopic skull base approaches as the main area of focus. There are multiple corridors of approach in skull base surgery and this fellowship focuses on four of them – Expanded Endoscopic Approaches, Trans Maxillofacial & Trans Mandibular approaches, Lateral Microsurgical & Trans Otic approaches, and Trans Cervical approaches. The head and neck surgery component of this fellowship is limited to training in transcervical approaches to the skull base. Training in skull base reconstruction techniques is a vital part of this fellowship.

The strength of the fellowship is its multidisciplinary approach & team work. Besides working in ENT-1, candidates work closely with the Neurosurgery and Head and Neck surgery departments. ENT-1 has associations with two apex skull base surgery centres – UPMC, Pittsburgh and Ugo Fisch international microsurgical foundation, Zurich. The unit closely follows the philosophy and techniques of these centres for the practice of skull base surgery.

Candidates learn clinical skills, operative techniques and research methodology through this fellowship.

**Eligibility:** MS/DNB ENT

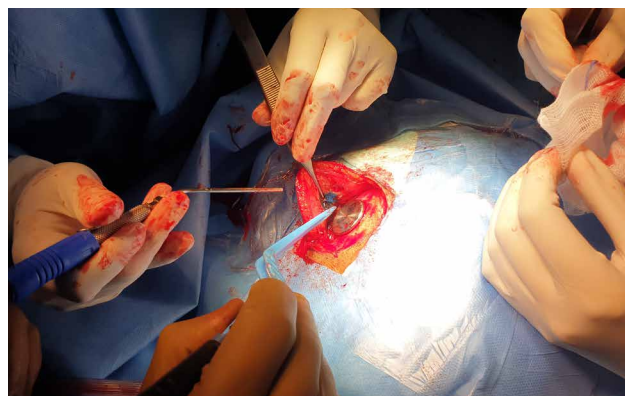
**Duration:** 2 years

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### Post Doctoral Fellowship in Implantation Otology

Otology sub-specialty is a branch of ENT concerned with the prevention, investigation, diagnosis and management of adults and children with ear disease and disorders of hearing. This post-doctoral fellowship programme in Implant Otology is offered only by few centers in India, though this is a well- recognized subspecialty of ENT in developed countries. It is aimed to deliver specialized clinical training in Otology by training young ENT surgeons to deal with otological problems effectively in our country. The purpose of this two-year training programme is to provide a holistic training in otology and subsequently in Implant otology including cochlear implants and bone anchored hearing implants in children as well as in adults.

The ENT Department at CMCH has postgraduate programmes running since several decades. There are twenty full time faculty in ENT and we have an intake of eight postgraduate trainees per year, in our department. The department caters for more than 80,000 patients a year, with various ear, nose and throat problems. We do more than 1400 ear surgeries and 30-40 Cochlear Implants per year. We have a well-established Audiology department for pre-op evaluation and post-op rehabilitation of these patients as well as a well-run universal hospital based neonatal hearing screening programme. The first year of the course is pre-training when fellows concentrate on surgical skills in otology and in the second year the candidate will be registered with the Tamil Nadu Dr. MGR Medical University and move on to



more specialised implant surgeries. At the end of the second year the candidate has to pass the exit exam and also submit a completed research thesis, after which the 'Fellowship in Implant Otology' is awarded.

**Eligibility:** MS/DNB ENT

**Duration:** 2 years

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### Post Doctoral Fellowship in Paediatric Otorhinology

Paediatric Otorhinology is a main branch of ENT. The Paediatric Otorhinology Fellowship programme is aimed to provide advanced training in paediatric otology. Most of children with ENT disease receive care by general Otorhinologists. It has also been noted that paediatric ENT disorders constitute 25%-30% of all pathological ENT conditions. These are often diagnosed late, reasons being various, including lack of clinical skill of the Otorhinologist and application of newer diagnostic tools. Otorhinology residency programmes can provide training in paediatric otorhinological diseases only to a certain level, and not advanced training, within the existing setup in most of the teaching centres.

The Department of ENT at CMC has a busy outpatient service, catering for more than 70,000 patients a year, of which more than one fourth are children. We do complex surgeries for children under the paediatric division of ENT. Therefore, this paediatric otorhinology fellowship programme is aimed to provide advanced training in paediatric otorhinology. This Fellowship programme, presently, is not available elsewhere in India. CMC would be the first to offer this programme.

This two year programme is run by department of ENT, Head & Neck Surgery, Speech and Hearing at

Christian Medical College and Hospital, Vellore. The first year is pre-training and the second year is registered with MGR Medical University, at the end of which the 'Fellowship in Paediatric Otorhinolaryngology' would be awarded to the candidate.

**Eligibility:** MS/DNB ENT

**Duration:** 2 years

### Post Doctoral Fellowship in Rhinology

The ENT Department offers a post-doctoral fellowship in Rhinology to provide candidates with a broad experience in surgical and evaluative Rhinology. Rhinology is an area of ENT that involves the study of diseases of the nose and paranasal sinuses, as well as adjacent areas like the anterior skull base and nasopharynx. Specialised training is required in the evaluation and surgical management of both simple and complex rhinological diseases using modern techniques.

The aim of the course is to train dedicated, skilled rhinologists to improve current standards of patient care in this field. The course aims to familiarise the candidate with diagnostic nasal endoscopy and provide hands-on training in handling common rhinological problems. Candidates are exposed to advanced techniques for treatment of sinus and anterior skull base lesions, using powered instrumentation and endoscopic techniques. Candidates will independently run the Nose and Sinus Clinic in the second year. Candidates are also expected to perform lab work, organize Pathology and Radiology meetings, attend to inpatient consultations, attend Tumor Board and rhinology emergencies, make regular oral presentations, and write up papers for publication. Each candidate is expected to work on a dissertation. There is an exit examination (theory and practical) at the end of the course. University approval for the course has been received in 2018.

**Eligibility:** MS/DNB ENT

**Duration:** 2 years

### Post Doctoral Fellowship in Laryngology and Phonosurgery

Laryngology and phoniatics is an important yet often overlooked subspecialty of ENT surgical training programme. A study conducted in the UK concluded that head and neck experience alone did not provide trainees with adequate laryngology related training.

This course aims to provide excellence in diagnosis and management of voice and its disorders, along with airway, swallowing and laryngeal cancers, recognizing the void in this area during E.N.T postgraduate training. This two-year Fellowship programme is the first of its kind in India.

#### Scope

This specialized postdoctoral course includes exposure to the full range of laryngology and phonosurgery as follows:

1. Neuro-laryngology
2. Professional voice care
3. Neoplastic and non-neoplastic diseases of the larynx
4. Swallowing disorders
5. Disorders of the upper airway including airway stenosis

**Clinical exposure:** trainees work along with residents, faculty and collaborative services in managing voice, swallowing, and airway disorders. They perform office based injection laryngoplasty, and botulinum toxin injection.

**Surgery:** exposure to endolaryngeal procedures like direct laryngoscopy, microsuspension laryngoscopy, phonomicrosurgery for benign and malignant lesions, and open surgeries for laryngotracheal stenosis), laryngeal framework procedures, and cancer work.

**Research:** sound clinical and basic science research with the Laryngology faculty, with goals of presenting the work at national meetings and publishing their findings.

**Teaching:** training and teaching of medical students and residents during the laryngology rotation.

The purpose of this fellowship training would be to provide a holistic approach to clinical care and research in Laryngology in general and Phonosurgery in particular.

**Eligibility:** MS/DNB ENT; Preference: 2 years postqualification ENT experience (academic/ active supervised practice)

**Duration:** 2 years

### Post Doctoral Fellowship in Advanced Gastrointestinal Endoscopy

The advanced Gastrointestinal Endoscopy Fellowship is designed to provide comprehensive training and acquisition of skills in diagnostic and

therapeutic endoscopy procedures. The course helps in integration of endoscopy in diagnosis and management of gastrointestinal and hepatobiliary disorders. The course is meant for a person who is already well versed in basic endoscopic procedures.

On completing the course, the Gastrointestinal Endoscopy Fellow will have had comprehensive training in diagnostic and therapeutic endoscopy procedures, develop ability to work as part of a multidisciplinary team and will have appreciation of humanistic and ethical aspects of medicine.

Specific objectives for the Fellowship:

1. Understanding basic physics and principles of Endoscopy.
2. Understanding principles, techniques and complications of conscious sedation/analgesia.
3. Acquiring technical skills in performing diagnosis and therapeutic ERCP, Endoscopic ultrasound, balloon assisted enteroscopy, interpreting findings as well as recognizing and treating complications.
4. Performing and interpreting esophageal and ano-rectal manometry.
5. Performing and interpreting Video capsule Endoscopy and ambulatory pH-metry.
6. Performing and interpreting hydrogen breath test.
7. Acquiring knowledge of reprocessing and maintenance of endoscopes and accessories.

This course starts on Sept 15th every year.

**Eligibility:** DM/DNB Medical Gastroenterology. A candidate who has appeared for the DM exam is eligible to apply, but registration for the course will be only on 15th September 2020.

**Duration:** 1 year

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### Post Doctoral Fellowship in Bone Marrow and Stem Cell Transplantation

Stem cell transplantation is a component of the superspecialty training in both Clinical Hematology and Medical Oncology. However, the field has advanced significantly and it is increasingly recognized that for those who intend on continuing to do stem cell transplants after their training are inadequately equipped with the existing training programmes. It is widely recognized that an additional two years of training and experience is required to make post doctoral candidates competent to carry out stem cell transplantation independently.

At the department of Haematology, Christian

Medical College we have had a stem cell transplant programme since 1986. We are currently the largest stem cell transplant programme in the country and do about 100 allogeneic and 40 autologous stem cell transplants a year. The support systems and personnel for this programme are well established. The fellowship programme encompasses all aspects of stem cell transplant, from disease specific risk benefit assessment, optimizing conditioning and GVHD prophylaxis regimens, management of infections, apheresis and cryopreservation, molecular, blood bank and laboratory training relevant to this field with significant hands on experience and research opportunities. Significant experience is gained in the management of acute and chronic complications post transplantation. At the end of this training period the candidate will be able to independently run a large transplant programme. It is our endeavour to ensure that our students succeed and towards this we maintain our mentorship with logistic and continuing training programmes even after the course is completed. Considering the current requirements in this country and the lack of trained physicians in this field, we are confident that at the end of this training programme there will be no dearth of opportunities for the candidate to continue work in this area.

**Eligibility:** DM/DNB Clinical Haematology/Medical Oncology

**Duration:** 1 year

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### Post Doctoral Fellowship in Molecular Haematology

This course is designed to provide a foundation in molecular genetics of haematological disorders. Basic concepts and principles are covered in the theory component. The laboratory component focuses on techniques integral to current developments in molecular genetics. The fellows spend the first year predominantly in training and a second research year in which they undertake a project under the supervision of a mentor. Suitable candidates may get an opportunity to register for Ph.D after successful completion of the course.

Learning objectives for the course:

1. The ability to supervise and direct the operations of a clinical molecular diagnostic laboratory
2. Technical experience and knowledge in quality control and quality assurance procedures
3. Broad knowledge of basic molecular biology and genetics

4. Application of DNA techniques in the diagnosis of inherited and acquired haematological disorders
5. Ability to perform a variety of molecular diagnostic assays
6. An understanding of the heterogeneity, variability, and natural history of haematological disorders
7. Diagnostic and interpretive skills in a wide range of clinical molecular genetics
8. Ability to develop hypothesis and develop experiments in a research project

**Eligibility:** MD/DNB Pathology

**Duration:** 2 years

### Post Doctoral Fellowship in Clinical Haematology

There are limited options for structured superspecialty training programme in Clinical Hematology in the country. The annual turnaround of approximately 12 DM Clinical Hematology seats in the country is inadequate to meet the increased demand for this specialty in the country. The Department of Haematology at Christian Medical College, Vellore is the largest dedicated Hematology programme in the country. There are ninety inpatient beds at any given time and approximately 250 stem cell transplants are done every year under this department. Based on the available clinical material and well established and adequate teaching staff in the department we are perfectly poised to provide this two year Clinical Hematology Fellowship programme.

This programme would be very useful for post graduate students who are interested in this specialty but have failed to enroll for a DM Clinical Hematology course due to the limited number of seats in the country. We are confident that the training they receive over two year duration of this course will be adequate for them to function independently in the future as trained clinical hematologists and that they will be an asset to this country.

**Eligibility:** MD/DNB General Medicine/Paediatrics/ Pathology/Transfusion Medicine/Immunohaematology and Blood Transfusion

**Duration:** 2 years

### Post Doctoral Fellowship in Clinical Hepatology

There is an increasing burden and awareness of liver disease but limited number of formal training

positions in Hepatology. This course is targeted at post-graduate physicians with a special interest in Hepatology.

At the end of the course, Fellowship candidates will be able to confidently diagnose and manage common causes of acute and chronic liver disease and its complications, including liver failure. Fellows are trained in UGI Endoscopy related to the liver and are exposed to managing liver transplant patients. Therapeutic Plasma Exchange is an exciting new treatment benefitting patients with liver disease. Fellows will gain experience in different aspects of plasma exchange like patient selection; management protocol and preventing complications.

The department of Hepatology works closely with allied departments such as Gastroenterology, HPB Surgery, Diagnostic and Interventional Radiology, Critical Care, Hepato-Virology and Hepato-Pathology. Trainees learn to work as part of a team and actively participate in the MDT meets. It is hoped that trainee will imbibe the humanistic and ethical aspects of the practice of medicine.

Interested candidates are strongly encouraged to participate in ongoing departmental research activity, with potential for paper presentation and publication.

**Eligibility:** MD/DNB General Medicine/Paediatrics

**Duration:** 1 year

### Post Doctoral Fellowship in Clinical Genetics

Clinical Genetics is a branch of Medical Genetics which involves direct patient care. This course aims to provide competence in providing comprehensive diagnostic, treatment, management and counseling services for individuals and families at risk for clinical disorders with a genetic basis. Pedigree analysis, syndrome search, plan for genetic tests and genetic counselling are the highlights. All age group patients are seen.

The Unit sees patients in the outpatient clinic under the Medical Genetics Clinic. Patients seen include those with intellectual disabilities, chromosomal, single gene disorders, preconceptional genetic counselling and for prenatal diagnosis. The multispecialty clinics are held in areas of perinatal medicine, neuromuscular genetic disorders and genodermatosis disorders. Consultations are seen every day with a wide range of referred cases. The

Unit has a molecular laboratory where diagnostic (including prenatal diagnosis), DNA Banking, interpretation of genetic results, variant analysis and research work is carried out along with genetic counselling. The Unit has regular interdepartmental meetings as well as departmental seminars and journal clubs. Telemedicine case discussions are held regularly. This two year postdoctoral fellowship will provide ample opportunities for training in clinical and research aspects in Clinical Genetics and all branches of Medicine.

**Eligibility:** MD/DNB in Paediatrics, Medicine, Anatomy, Pathology, Biochemistry, Family Medicine, Psychiatry, MS/DNB in Obstetrics and Gynaecology

**Duration:** two years

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### Post Doctoral Fellowship in Emergency Medicine

This is a one year in-service training for post graduate doctors interested in handling acute medical emergencies and early management of trauma. The training experience would be predominantly in the department of Emergency Medicine, a 50-bedded independent clinical unit which handles about 240-300 adult emergencies every day. About 20 cases of medico-legally significant trauma are registered daily. The curriculum includes rotations in the divisions of Critical Care Medicine, as well as Paediatric Emergency Department. This Post- Doctoral Fellowship course is recognized and certified by The Tamil Nadu Dr. MGR Medical University.

Selected candidates will be paid a consolidated monthly stipend and provided accommodation within the CMC Campus, subject to availability. During the tenure, trainees are expected to complete a scientific research project and qualify in theory and clinical examinations at the end of one year.

**Eligibility:** MD General Medicine, MD General Surgery, MD Anaesthesiology, MS Orthopaedics, MD Pulmonary Medicine

**Duration:** 1 year

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### Post Doctoral Fellowship in Microbial Medicine & Infections Control

The Division of Infectious Diseases (ID) hopes to bridge the tremendous gap in subspecialty training in infectious diseases in India. Although patients with infections are seen by all physicians, ID specialists are needed for optimal handling of many of these conditions, especially when dealing with

complex infectious diseases. Several studies have shown the impact of ID specialist care in improving patient outcomes, optimizing antibiotic treatment, reduction in incidence of antimicrobial resistance and the risk of nosocomial infections caused by resistant bacteria.

The overall goal of the Fellowship is to train specialists and future faculty in academic Infectious Diseases. The Fellowship is a comprehensive two year training programme leading to certification from the Christian Medical College, Vellore and the Tamil Nadu Dr. MGR Medical University. The training programme ensures that fellows acquire and demonstrate the necessary factual knowledge, skills (clinical and procedural) and attitudes that characterize the practice of ID. The course provides rigorous training and supervised experience, with faculty of broad clinical expertise, at a level sufficient for the Fellow to acquire outstanding skills as a specialist in infectious diseases. Like all other post-graduate training programmes in CMC, the emphasis is on “in-service training”. This experiential learning provides opportunities to manage patients with a wide variety of infectious diseases, in both ambulatory and in-patient settings.

**Eligibility:** MD/ DNB General Medicine/ Geriatrics/ Respiratory Medicine/ Family Medicine/ Tropical Medicine

**Duration:** 2 years

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### Post Doctoral Fellowship in Geriatric Medicine

The Geriatric Medicine Fellowship course is offered to doctors who have completed an MD or DNB in Geriatric Medicine, General Medicine or Family Medicine. The course is a one-year hands-on programme with a nine month posting in Geriatrics. Candidates are posted in related specialities for the rest of the course duration.

At the end of this course, the Fellow should be able to:

- do a comprehensive geriatric assessment on patients in outpatient and inpatient settings
- recognise and address geriatric syndromes and emergencies appropriately
- prescribe drugs rationally and give a comprehensive care plan to patients and their relatives
- plan an effective, individualised discharge programme/ follow up for each patient

- plan out preventive strategies for problems faced by the patient in the community
- participate in promotive and rehabilitative programmes in the community

Regular appraisals ensure that short term goals are met, and teaching includes interactive lectures, seminars and journal clubs. Assessment is both formative and summative, and will include a project and the compilation of a log book.

**Eligibility:** MD/DNB Geriatric Medicine, General Medicine, Family Medicine

**Duration:** 1 year

### Post Doctoral Fellowship in Neurocritical Care

Neurocritical care is a highly specialized and rapidly growing branch of Critical Care, and Christian Medical College is one of the earliest institutes to establish it as a separate division of Critical Care and to offer a fellowship in Neurocritical care. This course provides the candidate with a comprehensive exposure to all aspects of Neurocritical care.

The management of neurotrauma is integral to neurocritical care, and the division has 16 beds dedicated to trauma. Management is based on brain trauma foundation guidelines and includes routine intracranial pressure monitoring. There is a busy neurosurgery programme in CMC and postoperative management of neurosurgical patients is one of the key functions of the Neuro ICU. Candidates have extensive exposure to postsurgical care and management of complications of various cranial and spine procedures.

There is also an active Neurology department, dealing with a wide spectrum of diseases, including acute neurological emergencies. A wide spectrum of cases, including strokes, neuromuscular diseases and paediatric neurology cases are routinely managed in the ICU.

Transcranial Doppler and ultrasound based decision making is part of standard care in the Neuro ICU. Declaration of brain death for organ donation and maintenance of potential donors is also a part of the routine.

In addition to experience in the Neuro ICU, candidates are also posted in Neuroanaesthesia, Neurophysiology and Neuroradiology. Completion of a research project and presentation in annual critical care conference is essential to qualify for

exit exam. The exit exam consists of a theory and practical exam, and passing in each is compulsory.

**Eligibility:** MD/DNB General Medicine / Anaesthesia / Pulmonary Medicine / MCh Neurosurgery / DM Neurology

**Duration:** 1 year

### Post Doctoral Fellowship in Interventional Nephrology

Interventional Nephrology is an emerging subspecialty dealing with insertion of tunnelled venous dialysis catheters for patients undergoing hemodialysis, percutaneous insertion of chronic peritoneal dialysis catheters, percutaneous endovascular procedures for management of vascular access dysfunction, peritoneal dialysis repositioning, ultrasound-guided renal biopsy, arterio-venous fistula access planning, etc. A trained nephrologist ensures the ideal management of renal patients with effectiveness and safety at a much lower cost.

The Department of Nephrology at CMC Vellore is a high volume tertiary care unit with training programme for Nephrology Postgraduates already in place. The Fellowship in Interventional Nephrology aims to train nephrologists with necessary skills in interventions required in Nephrology practice. Trainees receive hands-on experience in learning to planning of vascular access (with assistance) and their interventions, insertion of dialysis catheters (both temporary and tunnelled) as well as their removal, percutaneous tunnelled cuffed PD catheter placement and removal, PD catheter repositioning (by an innovative technique described by us), kidney biopsies, etc. The department is collaborating with interventional radiology, interventional cardiology, vascular surgery and urology for this dialysis-access related academic venture. Hence a good exposure and hands-on experience in all procedures can be expected in a short interval, under close supervision.

Nephrologists or physicians working in dialysis and nephrology units, who wish to acquire or enhance their nephrology interventional skills are invited to apply for this 6 months' fellowship.

**Eligibility:** DM / DNB Nephrology / MD General Medicine / Paediatrics equivalent with 6 months work experience in a dialysis unit or handling nephrology practice

**Duration:** 6 months

### Post Doctoral Fellowship in Paediatric Neurology

Paediatric Neurology services in Christian Medical College commenced under the multidisciplinary department of Neurological Sciences in the year 2007. Since then it has grown steadily and now caters to more than 12000 children in the outpatient department and more than 500 inpatients annually. The main strength of the department lies in its support services from adult Neurology, Neurosurgery, Medical Genetics, Physical Medicine & Rehabilitation (PMR), Child & Adolescent Psychiatry (CAP), Developmental Paediatrics, Paediatric Neuroradiology, Dietetics and Clinical Pharmacology. Neurological Sciences being a well established speciality, through the electrophysiology lab, neurochemistry and neuropathology have expanded their services to also include children with neurological disorders. This has resulted in catering to a wide variety of neurological disorders in children namely neuroinfections, neurogenetic disorders, neurometabolic disorders, neuromuscular disorders, stroke, neuroimmunology and neurodevelopmental disorders. The unit runs multidisciplinary meetings for selection of candidates for epilepsy surgery and for optimal management of neurometabolic disorders. The unit also liaises with centres both in the country and abroad for optimal management.

The course aims to provide exposure to neurologic disorders in children, obtain expertise in appropriate use of specialty procedures (including neuroimaging and electrophysiologic studies) in the evaluation and management of neurologic diseases. Adequate rotations are provided in related specialties like Medical Genetics, Child & Adolescent Psychiatry and Developmental Pediatrics.

**Eligibility:** MD or DNB in Paediatrics

**Duration:** 2 years

### Post Doctoral Fellowship in Neurosurgery Spine

The division of Neurosurgery functions under the integrated Department of Neurological Sciences that has Neurology, Neurochemistry, Neurophysiology and Neuropathology divisions. The department was established in 1949 and strives to maintain high quality standards in patient care, management and research.

This fellowship will expose the candidate to

management of pathologies of the spine and spinal cord. These include deformity correction, management of spondylotic and degenerative diseases of the spine as well as tumours of the spine and the spinal cord. The fellowship will also expose the candidate to different types of spinal instrumentation as well as to techniques of spinal decompression and stabilization without instrumentation. The candidate will gain by exposure to neurosurgical procedures being performed under electrophysiological monitoring. The fellowship will also provide opportunities in clinical as well as laboratory based research. The programme has been designed to provide training in neurosurgical skills with additional rotations in Neuropathology and Intensive care.

Accommodation and remuneration will be provided as per institutional rules.

**Eligibility:** M.Ch/DNB in Neurosurgery in an institution recognized by the Medical Council of India, degree obtained within the last five years

**Duration:** 1 year

### Post Doctoral Fellowship in Paediatric Neurosurgery

The division of Neurosurgery functions under the integrated Department of Neurological Sciences that has Neurology, Neurochemistry, Neurophysiology and Neuropathology divisions. The department was established in 1949 and strives to maintain high quality standards in patient care, management and research.

This fellowship will expose the candidate to management of pathologies of the spine and spinal cord. These include deformity correction, management of spondylotic and degenerative diseases of the spine as well as tumours of the spine and the spinal cord. The fellowship will also expose the candidate to different types of spinal instrumentation as well as to techniques of spinal decompression and stabilization without instrumentation. The candidate will gain by exposure to neurosurgical procedures being performed under electrophysiological monitoring. The fellowship will also provide opportunities in clinical as well as laboratory based research. The programme has been designed to provide training in neurosurgical skills with additional rotations in Neuropathology and Intensive care.



Accommodation and remuneration will be provided as per institutional rules..

**Eligibility:** M.Ch/DNB in Neurosurgery in an institution recognized by the Medical Council of India, degree obtained within the last five years

**Duration:** 1 year

### Post Doctoral Fellowship in Skull Base Neurosurgery

The division of Neurosurgery functions under the integrated Department of Neurological Sciences that has Neurology, Neurochemistry, Neurophysiology and Neuropathology divisions. The department was established in 1949 and strives to maintain high quality standards in patient care, management and research. Skull base surgery has developed into a distinct subspecialty over the last two decades.

This two year fellowship is aimed at providing advanced training in the nuances of management of patients with skull base lesions from clinical diagnosis, radiological interpretation, preoperative planning, intra and postoperative management as well as adjuvant therapy and follow up. The fellowship will also provide opportunities in clinical as well as laboratory based research in the field of skull base neurosurgery. The programme has been designed to provide training in neurosurgical skills with rotations in Neuropathology and Intensive care to obtain an overview of management of patients with skull base lesions.

Accommodation and remuneration will be provided as per institutional rules.

**Eligibility:** M.Ch/DNB in Neurosurgery in an institution recognized by the Medical Council of India, degree obtained within the last five years

**Duration:** 1 year

### Post Doctoral Fellowship in Gynaec Oncology

The department of Gynaecologic Oncology runs a 2-year Post-Doctoral Fellowship course and a 3-year MCh course. These courses aim to produce competent specialists who deal with cancers of the female reproductive tract. The course trains doctors to recognize the health needs in India and carry out their professional obligations in an ethical, competent and compassionate manner. Trainees are enabled to master the knowledge and

skills to manage women with genital cancers and become aware of contemporary developments in Gynaecologic Oncology.

The major components of the competency based training are:

- Theoretical knowledge in the basic and applied science of Gynaecologic Oncology
- Preventive oncology
- Practical and clinical skills in the management of patients with gynaecologic cancers
- Research methodology, project work and scientific publication
- Attitudes, communication skills and patient counselling

Peripheral postings are in Epidemiology & Biostatistics, Anatomy & Pathology, Surgical ICU, Palliative care, Radiation Oncology, Medical Oncology, Urology and Colorectal surgery. Those in the MCh course also have a 2-week elective posting in an external institution offering similar training, in order to get a different perspective.

**Fellowship** (through CMC exam and interviews)

**Eligibility:** MD/MS/DNB Obstetrics & Gynaecology

**Duration:** 2 years

**MCh** (through NEET exam)

**Eligibility:** MD/MS/DNB Obstetrics & Gynaecology

**Duration:** 3 years

### Post Doctoral Fellowship in Reproductive Medicine

The Fellowship in Reproductive Medicine is a two year course involving training in infertility management, fertility related surgery (open/ endoscopic) and assisted reproductive technology (ART). The course provides detailed training in reproductive biology and includes experience in the necessary practical skills.

Although training is predominantly in the Reproductive Medicine Unit, exposure in allied specialties like Endocrinology, Urology and Clinical Genetics is provided. Candidates also receive training in the IVF laboratory, as an understanding of the various laboratory procedures carried out is essential. Candidates receive adequate exposure in research methodology and basic statistics, enabling them to complete a scientific project/ thesis. Trainees are encouraged to attend scientific meets/ conferences to present their research work.



An understanding of the social and ethical aspects of IVF technology is a part of the programme.

Weekly teaching programmes include journal club, paper presentations and ward rounds. Maintenance of a logbook will ensure involvement of surgical procedures. Candidates work as post-doctoral trainees with remuneration and accommodation as per rules of the institution.

A formal exit exam consisting of both theory and practical is conducted at the end of the course. After completing the course, post-doctoral fellows will be able to independently run an advanced infertility unit handling all assisted reproductive technology related procedures and perform level II fertility related endoscopic surgery.

After completing the course, a fellowship certificate is awarded by Christian Medical College/ The Tamil Nadu Dr. M.G.R Medical University.

**Eligibility:** MD/MS/DNB Obstetrics & Gynaecology

**Duration:** 2 years

### **Post Doctoral Fellowship in Paediatric Orthopaedics**

CMC Vellore is the first academic institution in the country to have a separate Paediatric Orthopaedic Unit offering a Post-Doctoral Fellowship

Course in Paediatric Orthopaedics. The unit caters to more than 16,000 out patients and 1300 inpatients annually. Over 1500 surgeries and 300 day care surgeries are performed in a year. The conditions managed by the unit are varied and include trauma, limb deficiencies, cerebral palsy, congenital abnormalities, dysplasias, tumours and neuromuscular diseases. Specialized multi-specialty clinics are held once a week for children with cerebral palsy, tumours and club foot.

The surgical skills gained in addition to basic paediatric orthopaedic training, include use of fine power instruments, latest implants, custom made tumor prosthesis and operating microscopes. Facility for research is immense and this includes an animal lab and stem cell research facility. There are a number of ongoing internal and external (national and international) funded research projects. The fellows are encouraged to conduct research projects and a dissertation is mandatory for the course. The 2 year fellowship course is recognised by the Dr. MGR Tamilnadu Medical University.

Short Fellowship in Paediatric Orthopaedics - for a 6 months period - has also been started aimed at surgeons working at mission/peripheral hospitals with exposure to common conditions encountered



by them in their day to day practice. The candidates are encouraged to do a research project during the course.

**Eligibility:** M.S. Orthopaedics, Dip. NB Orthopaedics

**Duration:** 2 years (Short Fellowship: 6 months)

### Post Doctoral Fellowship in Spinal Disorders Surgery

The Spinal Disorders Surgery Unit has been functioning for nearly 20 years, initially as a subspecialty under Orthopaedic Surgery Unit I from 2001, and as an independent sub-unit since 2009. From its inception, more than 9000 surgeries have been done. Nearly 5000 new patients with spinal symptoms are seen in the OPD annually. These include a spectrum of patients with infective, degenerative, traumatic, neoplastic and developmental deformities. Over 750 spinal surgeries are carried out every year. There are 4 consultants (3 professors, 1 associate professor) apart from post-doctoral fellows and Orthopaedic postgraduate residents in the unit. The Unit has well equipped theatre facilities. The teaching programme includes regular outpatient and bedside teaching and planning. Paper presentation and journal reading are done every week. The staff and fellows are actively involved in scientific

studies towards presentation at conferences and publication in journals.

The 2 year Spinal Fellowship course is tailored to train Orthopaedic surgeons with a passion for spinal surgery in all modalities of spine surgery. This includes clinical examination and diagnosis, investigations, planning of surgery, execution of surgical procedures, post-operative care and rehabilitation. They are assigned responsibilities in the emergency department, outpatient services and wards. They participate in a variety of spinal surgeries and are trained in the basics of various instrumentation techniques. Fellows maintain a surgical log book and complete post-doctoral dissertation. Fellows are also required to present scientific papers at regional and national spinal conferences.

**Eligibility:** MS / DNB Orthopaedics

**Duration:** 2 years

### Post Doctoral Fellowship in Hand and Reconstructive Microsurgery

The Dr. Paul Brand Centre for Hand Surgery, Leprosy Reconstructive Surgery & Peripheral Nerve Surgery (formerly the Hand Research Unit) is the first "Hand" Centre in India established by Dr. Paul W Brand in 1948.

Congenital deformities, peripheral neuropathies, traumatic conditions, complex carpal injuries, fractures, mutilating hand and peripheral nerve injuries including adult & obstetric brachial plexus injuries, are managed at this centre. Reconstruction of paralytic upper limbs due to peripheral nerve injuries, leprosy, cerebral palsy, polio, etc. is its forte. The centre does many microsurgical procedures including free flaps and reimplantation: major and minor, and toe transfers. Microneural reconstruction for peripheral nerve problem includes those for acute nerve injuries; nerve grafting, adult brachial plexus injuries as well as obstetric brachial plexus injuries. Scientific primary nerve surgery was started in India at this unit, which also has the first hand therapy section, with experienced therapy staff and occupational therapists.

This Fellowship is an intense clinical, operative, academic and interactive programme, affiliated to the Dr. MGR Medical University, Chennai, Tamil Nadu. The selection for the Fellowship is based on MCQ exam on Basic Sciences of hand structure, function, surgery as well as an interview. The programme is based on the Federation of Europe Societies for Surgery of the Hand (FESSH) Curriculum for training in Hand Surgery. Emergency and on-call duties are a routine. Regular scientific programmes include scientific presentations, journal clubs and case discussions. Fellows must pass a midyear progress assessment as well as an exit exam (both theory and clinical). Fellows need to complete a scientific study/thesis and are encouraged to write for peer reviewed publications. A log book of surgeries done/assisted and case presentations is mandatory. By the end of the training, the Fellows should be able to manage hand problems in urban and rural settings anywhere.

**Eligibility:** MS/DNB Orthopaedics

**Course duration:** 1 year

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### Post Doctoral Fellowship in Cytogenetics

*Degree awarded by The Tamil Nadu Dr. M.G.R Medical University*

This is a two-year in-service training programme in a diagnostic cytogenomics laboratory, which deals with the identification of chromosomal abnormalities. Chromosomal abnormalities are an important cause of genetic disease, and are seen in a variety of conditions such as mental

retardation, dysmorphism, delayed or abnormal development, disordered sexual development, recurrent abortions, infertility and cancer. In many cancers, especially leukaemias, identification of chromosomal abnormalities is essential for making a diagnosis, planning specific treatment and determining prognosis. Cytogenetic analysis is also an important component of prenatal diagnosis.

Fellows are actively involved in all aspects of tissue processing including cell culture, harvesting, and analysis of chromosomes by light and fluorescence microscopy. The laboratory handles samples from peripheral blood, bone marrow, amniotic fluid, and solid tissues such as chorionic villus, products of conception, tumours and skin, for conventional cytogenetic as well as fluorescence in situ hybridization (FISH) analysis. Cytogenetic testing for chromosome breakage syndromes is also performed. In addition, there will be a basic exposure to molecular genomic techniques such as DNA extraction, polymerase chain reaction (PCR), microarray analysis, and sequencing methods. Fellows also participate in the teaching programme for student technicians.

Upon completion of the course, fellows will be familiar with the morphology of normal and abnormal chromosomes and be able to describe chromosomal and genomic abnormalities as per the most current International System for Human Cytogenomic Nomenclature (ISCN), in order to write comprehensive reports. They will also be able to process specimens, handle equipment and trouble-shoot when necessary in order to run a diagnostic cytogenetics service ably.

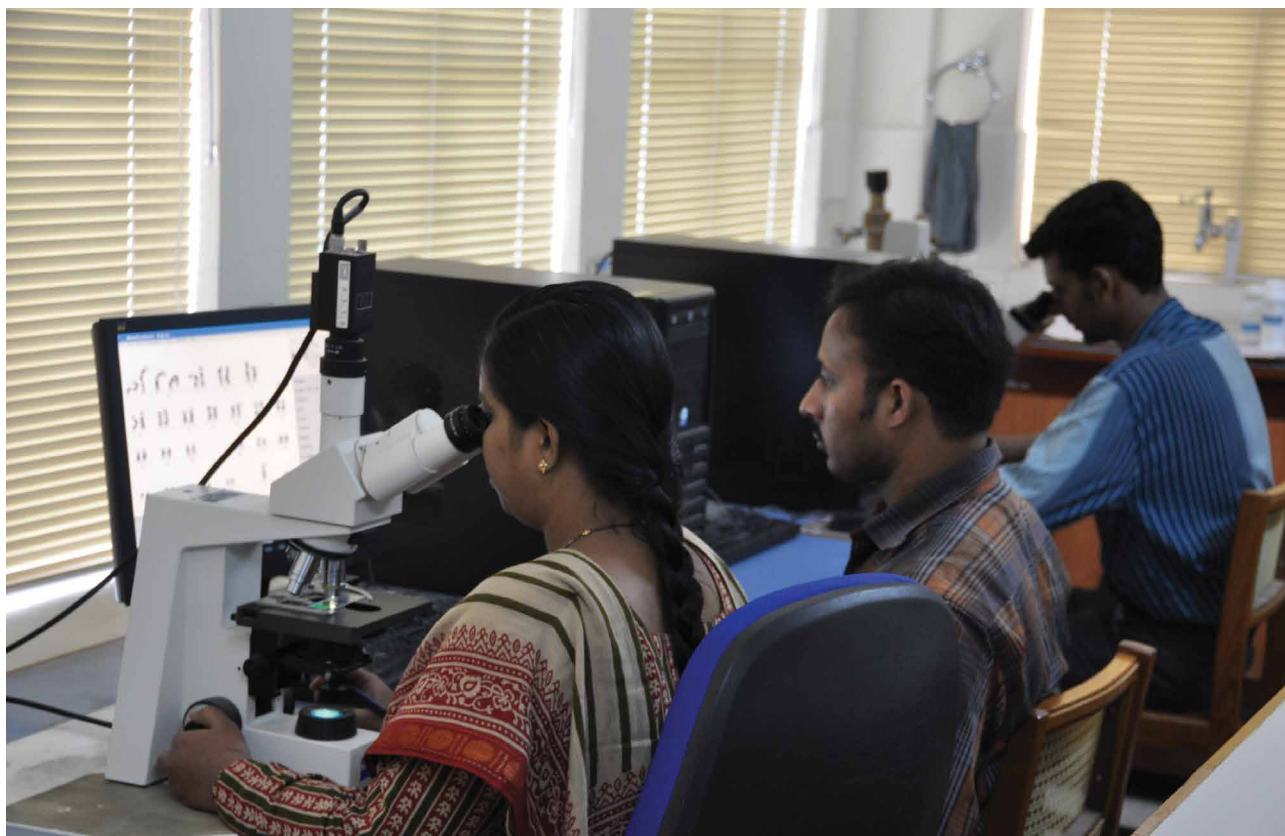
**Eligibility:** MD/DNB Pathology/Anatomy

**Duration:** 2 years

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### Post Doctoral Fellowship in Haematopathology

The two year Post Doctoral Fellowship training in Haematopathology involves wide exposure to evaluation of benign and malignant haematolymphoid disorders involving blood, bone marrow, lymph nodes, spleen and other tissues. Morphologic features, laboratory testing and ancillary immunophenotypic, molecular and cytogenetic findings all have a role in the diagnosis of haematopathologic processes and require the integration of various diagnostic techniques and



ancillary studies. As a result, haematopathology represents a significant discipline to master, whether in an academic or private practice setting. Interpretation and understanding of the tools used in diagnostic haematopathology are essential to the correct diagnosis of haematolymphoid diseases, monitoring responses to therapy, and prediction of prognosis.

This course involves training aimed at developing competence in the diagnosis of diseases of the blood, bone marrow, lymph node and extra nodal sites involved by haematolymphoid malignancies. The candidates will also get exposure to ancillary techniques like immunohistochemistry, flow cytometry, cytogenetics and molecular techniques that apply to haematology.

The candidate will take part in all MDT meetings and also in regular pathology academic sessions. He/she will be involved in daily reporting under supervision. The candidate will also present at national conferences and be involved in haematopathology research in the department. There will be an examination at the end of two years.

**Eligibility:** MD / DNB Pathology

**Duration:** 2 years

### Post Doctoral Fellowship in Laboratory Haematology

The Post Doctoral Fellowship in Laboratory Haematology equips pathologists to provide high quality patient care services. As a laboratory that offers support to a wide variety of clinical services ranging from neonatology to transplant haematology, there are excellent training opportunities via exposure to a wide spectrum of clinical disorders and the role of the laboratory in providing diagnostic services. Besides analysis of peripheral blood and bone marrow, haemostasis and relevant practice of transfusion medicine and Immunogenetics, the candidate also rotates through other related specialties like anatomic pathology and molecular haematology.

There is exposure to laboratory management including quality systems and automation. Besides routine lab haematology services, diagnosis and classification of haematological malignancies based on peripheral blood and bone marrow studies forms a significant part of the training which is augmented by training on immunopheno typing by flow cytometer, molecular typing and karyotyping. Training also helps familiarize with tools to characterize haemoglobinopathies and red cell disorders.

The special haemostasis lab caters to the diagnostic and therapeutic monitoring of patients with rare and common coagulation, platelet and thrombotic disorders. With more than 25000 blood donations a year and various types of blood components production, the candidate also has opportunities to train in donor management as well as rational blood use based on guidelines. An exit exam is conducted at the end of two years.

**Eligibility:** MD / DNB Pathology  
**Duration:** 2 years

### Post Doctoral Fellowship in Neuropathology

The Fellowship Programme in Neuropathology provides two years of intensive in-service training in neuropathology. The programme emphasizes the development of diagnostic skills and the ability to synthesize clinico-pathological correlations.

Specific objectives for the course are:

1. Development of skills in diagnostic neuropathology of surgical cases.
2. Interpretation of lesions by light and immunohistochemistry.
3. Training in muscle enzyme histochemistry, immunohistochemistry and molecular diagnostic techniques.

There is a large volume of neurosurgical specimens, about 2000 per year. This includes brain and spinal cord tumours, skeletal muscle biopsies and peripheral nerve biopsies. Fellows examine all specimens and sign out with an attending physician. During the programme, fellows develop and maintain close relationships with neurology, neurosurgery and neuroradiology services.

The balance of clinical and research activities for each fellow is based on the individual's previous training and development of diagnostic skills. The research opportunities include participation in active studies of neuro-oncology, and neuromuscular disorders. Fellows are also involved in planning and participating in departmental and interdepartmental conferences and in teaching. Fellows are evaluated periodically throughout the entire programme, maintain a log book and have a formal exit exam at the end of the programme.

The Fellowship is certified by the Christian Medical College, Vellore.

**Eligibility:** MD Pathology  
**Duration:** 2 years

### Post Doctoral Fellowship in Paediatric Infectious Disease

This fulltime 2-year Fellowship in Pediatric Infectious Diseases under the Department of Paediatrics, one of the first in the country, is intended to train pediatricians to develop and employ strategies to diagnose, treat, and prevent infectious diseases and re-emerging infections in children.

Although pediatricians have always been treating childhood infection, the formal subspecialty of pediatric infectious diseases is relatively new. The global increase in antimicrobial resistance, new virulence mechanisms in established pathogens, interventions such as transplants that lead to longer hospital stay and prolonged antibiotic usage, with a concomitant increase in hospital-acquired infections and multidrug resistance, necessitate formal training in the field of pediatric infectious diseases.

This programme trains pediatricians to function as experts in the diagnosis and management of:

- community-acquired and hospital-acquired childhood infections
- infections in immunocompromised and transplant patients
- tropical infections and vector-borne diseases

Training is imparted through clinical mentoring and apprenticeship. The Fellows have service, academic and teaching responsibilities, in the role of a specialist senior registrar. He/she will be actively involved with both inpatient and ambulatory care of children with infections, and make diagnoses and treatment plans under supervision, for specialist consultations from medical and surgical units all over the hospital. Fellows also spend time in Hospital Infection Control, Clinical Microbiology and Virology and attend institutional research methodology courses.

We expect our Fellows, at the end of their training, to function as Pediatric Infectious Diseases consultants and experts, as well as specialists in Hospital Infection Control and Antimicrobial Stewardship programmes, focusing on rational antibiotic usage in childhood infections.

**Eligibility:** MD/DNB Paediatrics  
**Duration:** 2 years

### Post Doctoral Fellowship in Developmental Paediatrics

The Developmental Paediatrics Unit, under the Department of Paediatrics is the first of its kind in the country, dedicated to looking after children with developmental needs. The Unit has a multi-disciplinary team which comprises Developmental Paediatricians, Psychologists, Occupational therapists, Early Interventionists, Speech Language Pathologists, Nurses and Special educators. Research is a vital component of the activities of the Unit. The Unit works very closely with departments of Pediatric Neurology, Genetics, Pediatric ENT, Pediatric Orthopaedics, Pediatric Ophthalmology, Child Psychiatry, Physical medicine and Rehabilitation, Neonatology and Paediatrics, in providing a multispecialty support to a child with developmental needs.

#### The need for this Fellowship Programme

Developmental Paediatrics is an emerging field and is of vital importance. It is estimated that nearly 10% of children born in the country are likely to have a developmental need during their childhood. This fellowship programme is thus an effort to equip paediatricians in clinical skills of diagnosis, neurodevelopmental assessment, interventions for promoting development and learning in childhood, and in modifying the environment to optimize the child's potential.

#### Course details

This is a two year residential course offered in a modular format with specific learning objectives and regular assignments. Interim and final assessments are both written and clinical. The fellows are expected to submit a dissertation during their period of training.

#### The learning modules will cover the following core disciplines:

Developmental Neurology, Developmental Morphology, Developmental Physiology, Developmental Psychology and Developmental Therapy. Emphasis is laid on skills in communication, counselling, debriefing, personal development and epidemiology of developmental disorders.

**Eligibility:** MD/DNB Paediatrics

**Duration:** 2 years

### Post Doctoral Fellowship in Paediatric Intensive Care

The Paediatric Intensive Care Unit of Christian Medical College, Vellore offers a two year Post Doctoral Fellowship course in Paediatric Intensive Care and is an accredited centre of training for the College of Paediatric Critical Care (CPCC), which is the Academic body of Indian Academy of Paediatrics -Intensive Care Chapter.

The training programme is a two-year in-service training programme and those selected would be eligible to enroll for IFPCCM/IDPCCM of the College (CPCC). This programme ensures adequate exposure to achieve clinical excellence in the management of critically ill children by providing a combination of cognitive knowledge, clinical and hands-on training in procedural skills. The candidates may be posted in different critical care settings including Paediatric ICU, Paediatric emergency, Paediatric anaesthesia, Neonatology and Paediatric Cardiac ICU during the course period. We use simulation based learning as a teaching tool and conduct simulation courses & workshops to enhance the skills.

Paediatric Critical Care at CMC is a 23 bedded unit which includes a high dependency unit (12 beds), with an around 2200 admissions per year. We ventilate about 1100 patients annually which includes about 450 non-invasive ventilation. This Unit provides advanced intensive care including conventional ventilation, high frequency oscillatory ventilation and renal replacement therapy (SLED/CRRT). All the critical care beds are equipped with advanced respiratory support and invasive hemodynamic monitoring devices. About 250 complex congenital cardiac surgeries are done per year by our Cardio-thoracic team and these patients are managed by PICU team at Cardiac ICU. We also have facilities for ECMO. While majority of our patients have acute medical illnesses, around 25% are surgical patients including paediatric renal, Liver transplants, burns and polytrauma.

**Eligibility:** MD/DNB Paediatrics

**Duration:** 2 years

For further details please contact: [picu@cmcvellore.ac.in](mailto:picu@cmcvellore.ac.in)

### Post Doctoral Fellowship in Paediatric Nephrology

In recent years there has been an increasing demand for specialized care of children with kidney diseases. The goal of this course is to provide training in Paediatric Nephrology to Paediatricians to enable them to provide medical care to infants and children with renal and genitourinary disorders. During training, a satisfactory degree of expertise will be obtained in both inpatient and outpatient environments, regarding the aetiology, clinical features and diagnosis of congenital and acquired renal diseases, using appropriate investigations, by imaging tests of function and histology.

Trainees acquire skills for the performance and interpretation of urinalysis, renal biopsy, renal imaging (including nuclear imaging) and basic tests of glomerular and tubular function. Skills are acquired for application of peritoneal dialysis and related techniques, together with peritoneal and vascular access for acute and chronic disease. Trainees also acquire knowledge of the indications and management of surgical interventions in the urinary tract. He/she will gain expertise in the therapy for End Stage Renal Disease, viz haemodialysis and CAPD. Trainees are involved in preparation of a child for Renal Transplant, management of the child after the surgery and follow up care thereafter.

The first year of training will focus on acquiring knowledge and skills in General Nephrology. The second year will provide training in Advanced Nephrology for expertise in Dialysis and Transplant.

Development of a research project, presentation of papers and publications are other goals of this programme. Acquiring of skills in decision making and critical thinking will ensure that the student is competent and confident to manage most clinical conditions on completion of the course.

**Eligibility:** MD / DNB Paediatrics

**Duration:** 2 years

### Post Doctoral Fellowship in Neonatology

Neonatal mortality is the biggest contributor to infant and under-5 mortality rates in India and throughout the world. It is estimated that about 5 million newborns die in the first 28 days of life in India per year. The World Health Organisation

and the Indian Academy of Paediatrics have thus identified improvement in neonatal health as a major step to reduce childhood mortality and morbidity.

Paediatric trainees in India undergo only a short period of their study period in Neonatology and hence are ill equipped to care for normal newborns let alone sick neonates after they graduate. There are very few centres offering a DM qualification in Neonatology. Hence the need of the hour is to give additional training to paediatricians in Neonatal medicine to equip them to adequately and effectively manage sick and normal newborns.

This one year Fellowship course for Paediatric graduates (MD/ DNB) will be particularly relevant to Paediatricians who go back to work in mission hospitals/smaller hospitals where majority of the work is in maternity and child health. It will equip trainees to confidently manage problems of the normal newborn as well as the sick newborn. The trainees will acquire skills of resuscitation, pre and post-op management of newborns, basic ventilation, including non-invasive ventilation. They will learn effective and safe management of preterm and low birth weight babies. It will also give them an opportunity to gain hands-on training in head ultrasound, echocardiography and use of nitric oxide, aEEG etc. There will also be regular academic sessions and training in Developmental Assessment of infants thus giving a platform for holistic care of children.

**Eligibility:** MD (Paediatrics) / DNB (Paediatrics)

**Duration:** 1 year

### Post Doctoral Fellowship in Paediatric Emergency Medicine

The Paediatric Emergency Medicine, Dept. Of Paediatrics of Christian Medical College, Vellore offers one-year Post-Doctoral Fellowship course in Paediatric Emergency Medicine and is an accredited centre of training for the "Society of Trauma and Emergency Paediatrics"

Paediatric Emergency Medicine (PEM), under the Department of Paediatrics is a relatively young specialty in Paediatrics. The Paediatric Emergency department is one of the largest & busiest unit in the country which has 32 in-patient beds where 8 beds are absolutely dedicated for advanced resuscitation of sick children age less than 16 yrs. PEM bed occupancy is 100% throughout the year





and sometimes children even get discharged from here after a short stay. In a busy month, the registration goes beyond 3000 and this is expected to increase further. As 80% of our children are critically ill and need some kind of resuscitation on arrival, the burden of procedure is tremendous and we perform about 5000 in a month, including life-saving resuscitation.

#### Course plan:

This Post Doctoral Fellowship will be a one year residential programme, where Paediatrician will learn to treat children with impending cardio respiratory arrest, life threatening illness, multi organ dysfunction state and who need special support by artificial means of their survival. There will be emphasis on hands-on training of various kinds of resuscitation, advanced airway management, management of children with severe respiratory distress & failure, various kinds of fluid resuscitation, management of various types of shock, correction of electrolyte imbalance, CPAP & ventilatory management, point of care bed side emergency ultrasound, debriefing skills, communication skills, counselling skills and research/publication skills.

**Eligibility:** MD/DNB – Paediatrics

**Duration:** 1 Year

### Post Doctoral Fellowship in Child and Adolescent Psychiatry

Child and adolescent psychiatry is a relatively new branch and this Fellowship is a full time, intensive, inservice programme designed to prepare specialists in the required clinical, research and managerial skills in the discipline.

The goal is to train psychiatrists in the diagnosis and bio-psychosocial management of children & adolescents with psychiatric disorders as well as developmental disorders with mental health concerns. It helps psychiatrists to recognize the importance of child and adolescent psychiatry in the context of health needs of the community and national priorities. It enables them to practice the specialty ethically and in step with the principles of contemporary health care and function as effective leaders of a health team engaged in health care, research or training.

Although the experiential learning will predominantly be in the child and adolescent psychiatry unit, exposure in allied specialties like paediatric neurology, developmental paediatrics, paediatric endocrinology, paediatric oncology, community paediatrics as well as physical medicine and rehabilitation is part of the training. These rotations will enhance the trainees understanding of various physical illnesses that



can present with psychiatric manifestations and the mental health needs of various physical illnesses among children and adolescents.

The institution as well as the child and adolescent psychiatry unit is one of the few centres in the country with excellent infrastructure for biological, psychological and family related investigations, assessments and management. Academic sessions like grand rounds, seminars, journal clubs, case presentations, and interdepartmental clinical meetings are conducted every week. Candidates receive adequate exposure to research methodology, basic statistics and paper writing skills to enable publishing their projects. Fellows are encouraged to present at scientific meetings.

Remuneration and accommodation is as per institutional rules. A formal exit exam consisting of both theory and clinical is conducted. The post doctoral fellowship is awarded by the Christian Medical College.

**Eligibility:** MD/DNB Psychiatry

**Duration:** 2 years

### Post Doctoral Fellowships in Radiology

Significant advances have taken place in Imaging and Image Guided Intervention during the last decade,

making it difficult to complete thorough training in all modalities and sub-specialties, during the post graduate Radiology course. A candidate with experience after postgraduate qualification will be given preference for the fellowship courses we offer.

In addition to conventional X-ray machines and 15 ultrasound scanners, the Radiology Department has 4 MR scanners (three 1.5 Tesla and one 3 Tesla), 3 CT scanners, 10 ultrasound rooms, a mammography unit and 2 DSA units, with staff experienced in various modalities. The department has facilities for self-learning as well. In one year (2017-2018), 807929 studies were performed, including more than 3824 angiographic studies and procedures, 55773 CT scans, 46109 MRI scans, 6584 guided procedures and 5552 operating theatre procedures. The large workload gives the candidates the necessary experience to gain confidence in different modalities.

The Cross-Sectional Imaging Fellowship gives the candidate experience in vascular doppler, mammography, specialty specific CT (primarily body imaging) and MRI (including neuro, abdominal, musculoskeletal and cardiac radiology) reporting. The Interventional and Vascular Imaging fellowship includes hands-on experience in diagnostic procedures (USG and CT guided), interventional procedures (vascular and non-

vascular), and interpreting related studies e.g. CT Angiography, MR Angiography and performing Doppler. This course is accredited by the Tamil Nadu Dr MGR Medical University.

The Paediatric Radiology Fellowship gives the candidate significant imaging exposure to Paediatric sub-specialities, like Paediatric Orthopaedics, Oncology, Endocrinology, Neonatology, ICU and ENT. Curriculum and academic support from the Sick Kids Hospital, Toronto gives an added strength to the programme.

The Cardiothoracic Radiology Fellowship gives the candidate an in-depth exposure to State of the Art Imaging and Reporting in Cardio-thoracic cases. The excellent clinical spectrum and feedback from clinical teams adds to the core value of this course. All fellows are encouraged to do a project, attend a national conference and submit at least one publication. Daily department teaching programmes include journal club, paper presentations and film reading sessions.

Maintenance of a logbook is mandatory. Candidates will work as post-doctoral trainees with remuneration and accommodation as per the rules of the Institution. A formal exit exam consisting of both theory and practical will be conducted at the end of the course.

**Eligibility:** MD/DNB in Radiology

**Duration and No. of seats for each course:** see Table 2.4

### Post Doctoral Fellowship in Allergy, Asthma and Immunology

The Fellowship in Asthma, Allergy and Immunology is designed to prepare specialists to provide expert medical care for patients with allergic and immunologic disorders. Fellows are trained to acquire skills to work as consultants in teaching institutions and other academic and speciality centres. While Fellows develop specific competencies primarily in the care of adult patients, they also get exposure to the management of paediatric patients.

#### Course details

The training runs parallel with the pulmonology programme, covering patient care activities, a range of departmental academic and inter departmental meetings, journal clubs, teaching of undergraduates and research activities. It is mandatory to perform a research project and submit a PG dissertation, as

well as write up one case report for publication, for successful completion of the programme.

The department has a state of the art pulmonary function lab (including FeNO, bronchoprovocation test and impulse oscillometry) and an allergy lab where allergy skin testing, food challenges, drug challenges, allergen immunotherapy, sputum inflammometry and aerobiology are done. Fellows are also posted to the Dermatology, Paediatric Allergy, ENT and Ophthalmology departments.

As a part of the programme, Fellows are also be enrolled in “Diploma in Allergy and Asthma (DAA)” which is a distance education programme conducted in collaboration with International Asthma Services, USA, endorsed by the American Association of Allergy Asthma & Immunology (AAAAI), University of Colorado, USA.

**Eligibility:** MD / DNB Respiratory Medicine / General Medicine / Paediatrics

**Duration:** 2 years

### Post Doctoral Fellowship in Pulmonology

The Fellowship in Pulmonology is designed to equip specialists to provide expert care for patients with the whole spectrum of respiratory problems seen in the country. Fellows are trained to acquire the skills to work as consultants in teaching institutions and academic respiratory practices within and outside the country, in the field of pulmonology.

#### Course details

The training covers patient care activities, a range of departmental academic and interdepartmental meetings, journal clubs, teaching of undergraduates and research. The department attracts referred patients from various parts of the country, with a range of complex pulmonary problems, to provide the platform for clinical training. The department has state of the art pulmonary function lab and bronchoscopy suite; which is among the best in the country.

The sleep lab and sonology service completes the range of investigative back up within the department. Apart from general pulmonology, trainees are offered the opportunity to train in bronchoscopy, thoracoscopy, chest ultrasound, sleep medicine, pulmonary physiology, lung function testing and critical care. Trainees are posted to the critical care and rheumatology departments.

**Eligibility:** MD / DNB Respiratory Medicine / General Medicine

**Duration:** 2 years



### **Post Doctoral Fellowship in Advanced Arthritis, Rheumatism & Autoimmunity**

The Department of Clinical Immunology and Rheumatology caters to over 50,000 outpatients every year.

The case-mix covers the entire gamut of systemic autoimmune rheumatic diseases in our country, including SLE, Sjogren's syndrome, Overlap connective tissue diseases, vasculitic disorders, rheumatoid arthritis, spondyloarthritis, etc. Inpatient management, interdepartmental consultations, procedures such as intra-articular injections, pulse therapy, biological therapy and biopsies (salivary gland/muscle and nerve), are done every day.

The department has musculoskeletal sonography, extremity MRI (C-scan) machine, Nailfold Video Capillaroscopy and Real time PCR; the trainee will have an exposure to all these equipments. We have introduced a full range of autoantibodies for services. Trainees are also posted in the service laboratory & our research laboratory (since 2012) to understand the principles, steps, interpretation & troubleshooting, by a first-hand feel of the tests.

We have regular teaching sessions including journal clubs, case presentations, seminars/

paper reading, interdepartmental sessions with Radiology, Pathology and vascular surgery. All trainees are encouraged & required to undertake research projects and publications are mandatory for receiving the Fellowship.

The course is organised into four semesters, with each semester having higher focus on specific aspects of training. Assessments are done at the end of each semester. During the course the trainees undergo modules on Musculoskeletal ultrasound, extremity MRI and video capillaroscopy which are built in into the course.

**Eligibility:** MD / DNB General Medicine / Paediatrics

**Duration:** 2 years

### **Post Doctoral Fellowship in Colorectal Surgery**

The department of Surgery Unit 2 handles all the specialized colorectal surgery in the department of surgery. The unit runs a 2 year Post-doctoral Fellowship, tailored to train surgeons in the specialty of colo-rectal surgery. Fellows are trained in all aspects of the specialty including diagnosis, investigation, multidisciplinary planning, execution of various surgical procedures, postoperative care and continuing outpatient management and surveillance.

Fellows are exposed to a variety of colorectal surgical operations including laparoscopic colon and rectal resections, transanal resection of low rectal lesions, sphincter preserving resections for low rectal cancer, anal sphincter reconstruction and restorative proctocolectomy with ileal pouch anal anastomosis. The fellowship also includes training to perform colonoscopy and anal manometry. Fellows are required to maintain a log of all diagnostic procedures and surgical operations they are involved in.

**Eligibility:** MS/DNB (General Surgery)

**Duration:** 2 Years

### Post Doctoral Fellowship in Head & Neck Surgery including Microvascular Reconstructive Surgery

The speciality of Head and Neck Surgery covers a wide spectrum of diseases from benign to malignant. Globally there is an upsurge in the incidence of Head & Neck cancers especially in our country. These patients come usually from a low socio-economic background.

Generally, in India these patients are managed by surgeons from varying backgrounds, including, ENT, General Surgery, Surgical Oncology, Maxillo facial surgery and Plastic Surgery. Apart from M.Ch (Head and Neck Surgery) training available at 4 centres in India, there are very few organized fellowship programmes for head and neck surgical training including reconstruction, which has never been a component of the available training programmes.

This fellowship trains surgeons from an ENT / General Surgery background of training, to manage head and neck malignancies (from oral cavity to Larynx, laryngo-pharynx, including thyroid and salivary malignancies). Emphasis is given to learn reconstruction, ranging from local flaps to micro vascular free flaps. On an average, the department performs 500 Head and Neck cancer surgeries, 50 micro vascular flaps, 100 pedicled flaps, and 80 local flaps per year.

#### Course Structure

Fellows hold a nodal position in the treatment planning along with participating in the specialty related academic schedule. The fellow is expected to coordinate the multidisciplinary Head and Neck Cancer Tumour Board and surgical departmental meetings, including Grand Rounds, Morbidity and

Mortality Conferences, Head and Neck Oncology Rounds, Head and Neck Club, Head and Neck conferences. Trainees are posted in specialty peripheral postings including mandatory workshops for 32 weeks. They also attend micro vascular course (Ethicon Inst., Chennai) and research protocol course (CMC, Vellore) free of charge. The candidate is expected to complete a research as part of thesis and present the results at the National Conference.

**Eligibility:** MS/DNB (General Surgery/ENT)

**Duration:** 2 Years

### Post Doctoral Fellowship in Phlebology

Venous disorders are more common than arterial disorders. About 70% of the cases that present to the out-patient clinic of our department have some form of the disease – varicose veins, venous ulcer/s, deep vein disorders, vascular malformation/s, etc. This one year Post-Doctoral Fellowship, for general surgeons, provides the candidate a wide exposure in the way venous disorders need to be managed. The course involves hands-on experience in open and endovascular techniques, ultrasound examination and wound care management.

At completion of the course candidates are able to manage most cases independently and would have published his/her research experience in a journal/s.

**Eligibility:** MS/DNB General Surgery; MD/DNB Dermatology; MD/DNB Radiology

**Duration:** 1 year

### Post Doctoral Fellowship in Upper GI and Bariatric Surgery

The Fellowship course in Upper GI and Bariatric Surgery is offered to candidates who have completed their post-graduate training in General Surgery and worked for at least two years, preferably in the field of GI Surgery. The training is hands-on, graded & supervised. A period of six months is spent in peripheral postings, in the specialties of Radiology, Gastroenterology, Radiation Oncology, Medical Oncology and General Pathology. Eighteen months are spent in the parent unit. At the end of the training period, an exit examination consisting of theory and viva is conducted.

**Eligibility:** MS / DNB General Surgery or MCh / DNB GI Surgery

**Duration:** 2 years

## 2.5 DISTANCE EDUCATION PROGRAMMES

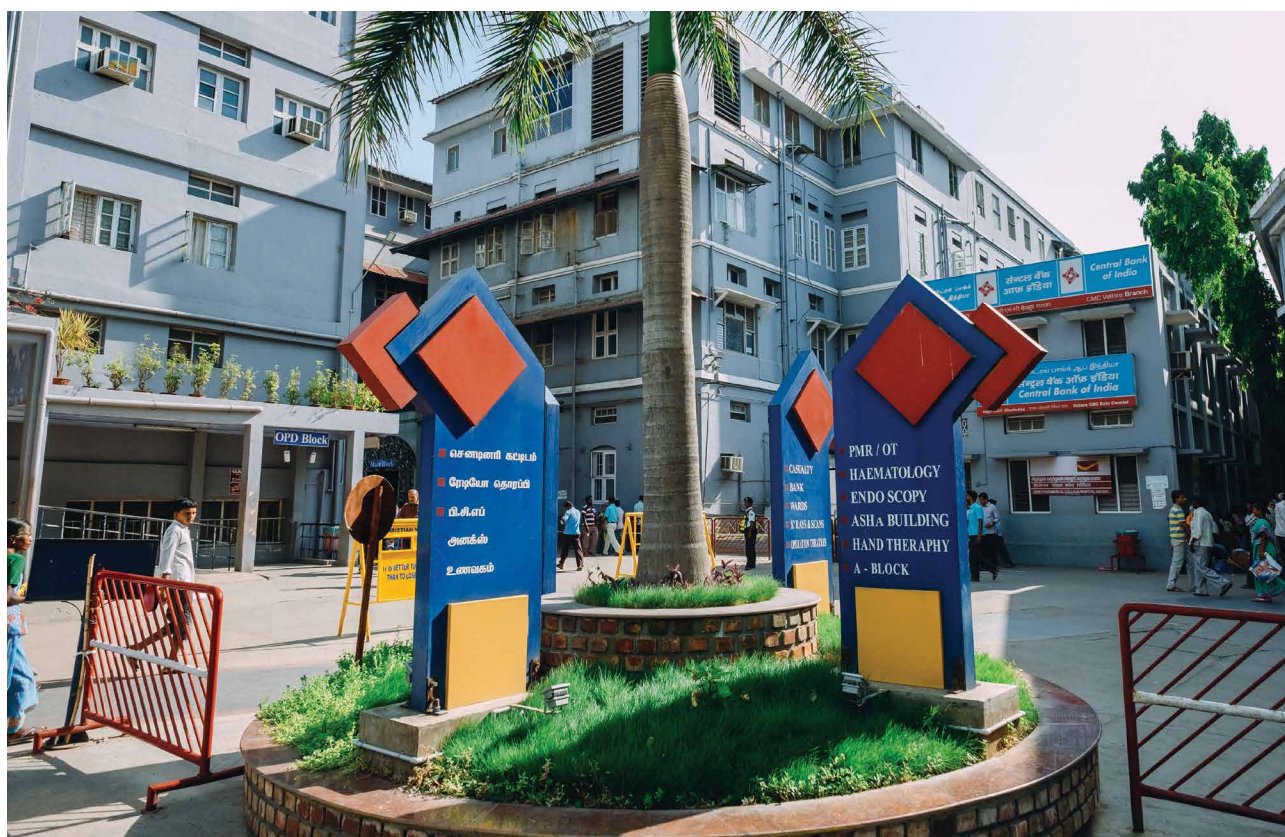
List of Distance Education Programmes offered

| Course   | Duration  |
|--|-----------|
| Post Graduate Diploma in Allergy and Asthma (DAA)  | 1 year    |
| Certificate in General Dentistry   | 1 year    |
| Diploma in General and Hospital Dentistry  | 2 years   |
| Diploma in Hospital Administration (DHA)   | 1 year    |
| Distance Fellowship in Diabetes Management   | 1 year    |
| Post Graduate Diploma in Family Medicine (PGDFM) – for fresh MBBS graduates – Medical Education Unit | 18 months |
| Post Graduate Diploma in Family Medicine (PGDFM) - Distance Education Unit                           | 2 years   |
| Post Graduate Diploma in Geriatrics  | 1 year    |
| Diploma in Hospital Administration - distance education programme                                    | 1 year    |
| Distance Education Fellowship in Hypertension  | 6 months  |
| Master in Medicine (Family Medicine) - Affiliated to the Tamil Nadu Dr. MGR Medical University       | 2 years   |

### Diploma in Allergy & Asthma (DAA)

Diploma in Allergy & Asthma (DAA) is a year-long distance learning programme, in the subspecialty of Allergy, Asthma & Immunology. It is conducted by the Christian Medical College, Vellore, in collaboration with the International Asthma Services (IAS) - a U.S based charitable organization dedicated to patient and physician education. Twenty candidates are admitted to this programme each year.

The DAA course includes four mandatory contact sessions: one week of Personal Contact Sessions every quarter, at the CMC Hospital, Vellore. During the contact programme, lectures are delivered by overseas faculty (mainly from the USA), national and CMC faculty. There is hands on training on the practical aspects of allergy - skin testing, spirometry, etc. Physicians who complete the programme would confidently be able to clinically evaluate a patient with allergic disease, plan the appropriate investigation, perform and interpret allergen skin testing and spirometric lung function testing and institute the appropriate treatment. They are also taught the principles of allergen immunotherapy. Basic teaching covers physiology, basics of clinical epidemiology and research. While the focus of clinical training is on respiratory allergies such as asthma and allergic rhinitis, other allergies including



ocular, skin and food allergies are also covered. The Diploma in Allergy & Asthma (DAA) is awarded jointly by CMC and IAS after successful completion of the course and the final examination.

### Eligibility

Candidates with an MD degree or DNB or PG diploma in TB & Chest/Respiratory diseases/ Paediatrics/General Medicine are eligible to apply. Candidates with an MBBS qualification with a proven track record of academic practice of 2 years in allergy and asthma may also be considered, at the discretion of the selection committee. These candidates should provide evidence of their experience when they apply.

Application Form: can be downloaded from the following website address:

<http://www.cmcvellore.ac.in/jobs&train/DAA/main.html>

## Certificate in General Dentistry

A large number of BDS graduates come out of the portals of dental colleges every year. This is adding to the already huge network of dentists in practice or academia across the country. There is consequently a lot of professional competition because of the concentration of dental practices in urban areas. In spite of this struggle, dental practices providing ethical, patient centred and competent care will continue to attract patients.

Unfortunately, dental education has tended to focus on academic and specialty based education but dentists on graduation feel a lack of practical skills required for integrated dental practice. There is therefore a need for dentists to learn relevant knowledge, essential skills and appropriate attitudes which will give them the confidence and competence required for good dental practice.

### Course Objectives

It is intended to serve as a foundation course for those planning to later go into general dental practice, take up a specialty (MDS) or obtain more advanced skills in general dentistry through the Fellowship in General Dentistry Course (FGD). It is expected that candidates doing the course will be able to handle at least 70 % of the cases expected to be seen in general dental practice. It reduces their need to refer patients to specialist practices which end up being expensive and less convenient for patients.

### Eligibility Criteria

This course is open to both Indian citizens and foreign nationals

1. A valid BDS degree
2. A valid DCI registration.

### Selection Process

Selection is done through prospective candidates attending a one week period of observership in the department followed by a written report on the clinical exposure obtained; short MCQ test and a viva.

### Contact Programmes

The contact programmes form a very important part of the course components. Candidates will be required to attend compulsory Contact Programme of 6 days and weekly classes (Saturday mornings) during the course period of 1 year. These are intensive sessions over a minimum duration of 50 hours.

**Note:** 90% attendance is mandatory for course completion.

### Application and Prospectus

You may download the Application form and Prospectus from the distance education website: Web site address: [cmcdistedu.org](http://cmcdistedu.org).

Email: [info@cmcdistedu.org](mailto:info@cmcdistedu.org).

**Email:** [info@cmcdistedu.org](mailto:info@cmcdistedu.org)

**No of seats:** Maximum of 8 per semester

**Course Duration:** One Year

## Diploma in General and Hospital Dentistry

This programme is designed to enable mission hospitals to build up their dental staff and develop their dental departments. For greater flexibility, the course is divided into 2 components.

1. **The Training of Trainers course (TOT).** This is intended to develop dental departments in mission hospitals to become training centres for basic general dentistry, for fresh graduates, in association with CMC. Dentists with at least three- years' experience in mission hospital dental departments are eligible to be trainers for the certificate in General Dentistry course (CGD) conducted by CMC. This is a 6 month programme which will involve accreditation of the dental department at the mission hospital by CMC faculty (further details about the CGD is given below).
2. **Diploma in General and Hospital Dentistry** to build competency of participating dentists in

hospital based dentistry and special interest areas of dentistry (Advanced General Dentistry). Dentists who have joined the Training of Trainers programme will be eligible to take this course which will be for 1 and ½ years following the TOT.

**1st to 6th month – TOT**

**Fees:** Rs.15,000

**Contact programme:** 10 days at CMC Vellore

- The candidate can choose either to stop at the end of 6 months, or go on and do the DGHD course.
- If the candidate wants to stop at the end of 6 months and do only the TOT, he/she may have to attend an additional 1 week of contact programme /clinical observership.
- Candidates moving on to the DGHD course need not attend the above mentioned 7 days contact programme, since these topics will be covered in the DGHD programme.
- Either way the candidate will become an accredited trainer, who will then train the CGD (Certificate of Dentistry) students at the regional centre.
- The sponsoring hospital could become a centre if they have the required quality systems in place. The dentist doing the TOT will return and help the hospital and department institute these systems.

**7th to 24th month – DGHD**

**Fees:** Rs.35, 000

- A 10 day contact programme at Vellore.
- A three-week hands on exposure in each special interest area at Vellore - Endodontics, Periodontics, Prosthetics, Oral Surgery (surgical dentistry) and Hospital Dentistry including Oral Medicine. These slots can be distributed across the period of the 18 months, according to the candidate's convenience and slot availability. The areas chosen and duration in each area (for a total of up to 3 months) can be determined by the candidate in association with the department.

**Diploma in Hospital Administration (DHA)  
– Distance Education Programme**

The staff of small hospitals faces big challenges from rising patient expectations, expanding regulatory requirements and the rapid pace of change in healthcare. On-the-job training and experience may not be enough for them. To address this, the Christian Medical College Vellore (CMC) has joined hands with the Christian Medical Association of

India (CMAI) to introduce a blended learning programme designed for employees of mission hospitals: Diploma in Hospital Administration. The course will help them acquire the knowledge and skills needed to become efficient managers and leaders while continuing to serve their institutions. It will help them to integrate theoretical and scientific frameworks with their own experience in order to implement best practices in their hospitals. They will develop the confidence and ability to deal with a range of management issues.

**Objectives**

- To provide a recognized and respected qualification in hospital administration for mission hospital staff.
- To provide basic theoretical background for best practices in the healthcare field.
- To cover all the regular duties and responsibilities associated with running a small hospital.

**Eligibility**

- Basic qualifications: 12\*/Diploma Nurse/any accredited bachelor's or post graduate degree (case by case based on work experience)
- Minimum two years' experience in hospitals / health industry
- All candidates must be sponsored by an employer/hospital.
- This programme is especially for mission hospital staff willing to acquire knowledge and develop their career.

**Programme structure**

One year distance learning programme with contact classes for 2 weeks in the month of September/October at CMC Vellore.

Student intake per year: 30 (maximum).

Accreditation & Certification: CMC & CMAI

**Admission**

Student selection will be finalized by the programme director (HOD, the Department of Hospital Management Studies and Staff Training and Development) and CMAI representative and the candidates may be interviewed over phone if required.

**Teaching methodology**

- Guided self-study using printed and electronic materials





- Mandatory contact classes will be held in CMC Vellore during the month of September for 2 weeks between 08:00 am to 5:00 pm (8 hours).
- Visits to various departments and hospitals for observation and to foster understanding of problems related to hospitals to different sizes and natures.
- 8 subjects will be handled through class room teaching during the CMC contact classes.

#### Modules Covered:

Semester I: Basic Principles of Management, Basic Medical Terminology, Basic Accounting and Finance, Managing Patient Care and Hospital Facilities

Semester II: Human Resources Management, Hospital Governance and Statutory Requirements,

Materials Management, Hospital Information Systems (Medical Records Management & Data Base Management)

For further details contact: The Department of Hospital Management Studies & Staff Training and Development, Christian Medical College, Vellore 632004, Tamil Nadu

Phone No.: +91 416 228 3535/ 6099

### Distance Fellowship in Diabetes Management (DFID)

Diabetes Mellitus has become a public health problem with more than 15% of the Indian urban population above the age of 30 years afflicted with this disease. Though the cost burden to the nation is not exactly known, the morbidity and mortality of this condition is now comparable to tuberculosis. It is therefore necessary to create a physician who becomes a “one window operation” for care of those with diabetes. This way an average patient does not have to go to a tertiary care institution or to an endocrinologist, reducing expenditure on a chronic disease which has the potential to haemorrhage their meagre income.

#### Eligibility criteria

There is no entrance examination for this course.

- Doctors with MD/DNB in General Medicine/ Internal Medicine/Family Medicine
- Doctors who have completed the Post Graduate Diploma in Family Medicine (PGDFM) from CMC, Vellore or M.MED in Family Medicine
- Doctors with MRCP
- Doctors with MDGP (General Practice) from Nepal/ FCGP from SAARC Countries

- e. Preference will be given to
- Women candidates.
  - Candidates working in Government set up/ Mission Hospitals/ remote rural areas
  - Candidates between 35-50 years of age.
  - Candidates from outside India, including SAARC countries can also apply.

#### Duration

This is a one year 'blended learning course' involving both self-learning, as well as a hands-on component in the form of contact programmes.

#### Contact programme

Two contact programmes for a total of nine days, at CMC, Vellore.

#### Application

You may download the Application form and Prospectus from the distance education website: Web site address: [courses.cmcdistedu.org](http://courses.cmcdistedu.org)

**Contact email address:** [info@cmcdistedu.org](mailto:info@cmcdistedu.org).

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### Post Graduate Diploma in Family Medicine (PGDFM)

*(For fresh MBBS Graduates working in secondary hospitals)*

The Post Graduate Diploma in Family Medicine (PGDFM) course is a diploma awarded by CMC, Vellore for the MBBS graduates who finished their MBBS course within the last five years with the aim to help graduates equip themselves to deliver secondary level healthcare while also availing of its educational opportunities.

This 18 month distance education course with three contact programs usually commences from 1st April every year and ends on 30th September the following year. This course consists of 27 Distance Learning Modules, provided with an online formative e-assessment at the end of each module. Every student is expected to maintain a logbook to document the procedures/clinical skills done in their service obligation hospitals. As part of this course, the students are expected and committed to submit a project work which should be a service improvement project to improve the local needs of the hospital. Successful candidates will be awarded with PGDFM certificate from our institution. However, this course is not recognized by MCI and Dr. MGR Medical University, hence transcripts

or verifications will NOT be issued under any circumstances.

For more details please go to: <http://www.cmch-vellore.edu/sites/med/pgdfm.html>.

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### Post Graduate Diploma in Family Medicine (PGDFM-Family Medicine)

*(Distance Education Unit)*

There are close to 2,50,000 General Practitioners (GPs) in India who have no access to postgraduate education. Since the government has not mandated continuous education for physicians, most GPs do not take much effort to remain up-to-date with the developments in medical education. The lack of continuous updating of the knowledge and skills by these GPs has led to a situation where there are excessive referrals because they are not confident in handling cases with the slightest complication. Many patients, therefore, end up visiting multi-specialty hospitals where the health care costs are very high. No wonder, in a World Bank study done in the year 2004, it was found that the private health care sector was responsible for drowning many below the poverty line! A 'Family Physician' is a multi-competent specialist who not only provides the point of first contact, but also provides the continuum of care. The number of 'Family Physicians' - doctors satisfying the above definition - in the Indian sub-continent is grossly inadequate to cater to the huge population.

#### Objective

The objective of the PGDFM (FAMILY MED.) programme is to build the capacity of GPs and enable them to manage more cases so that referral becomes less necessary - hence the motto: 'Refer less, Resolve more'. The ultimate beneficiaries of the programme will be patients from the financially weaker sections of the population, especially those from rural areas. Thus, the programme leads to a win-win situation for the patients and the GPs, as the former find a one-window solution, while the latter (who would have become multi-competent) find a much larger scope for their practice.

#### Eligibility Criteria

- Valid MBBS Degree
- Indians working abroad may also apply
- Women candidates will be given preference
- Candidates working in rural areas will be given preference

**Duration:** This is a two-year 'blended learning course' involving both self-learning, as well as a hands-on component in the form of contact programmes

**Contact programme:** Three contact programmes of 11 days each.

**Venue of the Contact Programme:** 9 centres across the country (Kolanchery, Chennai, Bangalore, Hyderabad, Padhar, Herbertpur, Kolkata, Tezpur, Pune)

**Fees:** Rs. 86,000/- (subject to revision)

**Study materials:** 15 Handbooks with 100 modules

### Application and Prospectus

You may download the Application form and Prospectus from the distance education website: cmcdistedu.org email: info@cmcdistedu.org

## Post Graduate Diploma in Geriatrics

India is in a phase of demographic transition and the geriatric population is burgeoning. Care of the elderly in need of medical attention is often fragmented among multiple "specialists", as these patients have multiple co-morbidities and psychosocial issues. Therefore, there is an urgent need to produce physicians who not only understand the unique health problems in the elderly, but possess a repertoire of clinical competencies to deal with them. Geriatrics is the only "speciality" which knits these myriad physical, psychosocial, financial and emotional problems in each individual together into a tapestry, which still remains beautiful. With inputs from Allied Health and Nursing faculty, the doctor is able to help the elderly in the autumn of their lives.

### Objectives

- To provide comprehensive health care and rehabilitation to the elderly
- Be competent to make changes in the community leading to a better life for the elderly

### Eligibility Criteria

1. Valid MBBS degree certificate
2. All candidates must possess a valid MCI/ State Medical Council registration

Preference will be given to those who have work experience

**Duration:** This is a one year 'blended learning course' involving both self-learning, as well as a hands-on component in the form of contact programmes

**Contact programme:** Two contact programmes for a total of ten days.

**Venue of the Contact Programme:** Christian Medical College, Vellore

**Fees:** Rs. 70000/- (subject to revision)

**Study materials:** Both online and hard copies

### Application and Prospectus

You may download the Application form and Prospectus from the distance education website: Web site address: cmcdistedu.org. Email: info@cmcdistedu.org

## Distance Education Fellowship in Hypertension (DFIH)

The population of India is passing through a phase of 'epidemiological transition' wherein communicable diseases are being replaced by noncommunicable diseases as major causes of death and disability. Hypertension is one among them. With a prevalence close to 30%, hypertension is now an entity not just confined to specialist clinics alone, but to every generalist. While physicians, surgeons, obstetricians, internists and even paediatricians are likely to encounter hypertension in their patients more frequently, the general practitioner will increasingly be called upon to diagnose and manage hypertension. Awareness regarding the diagnosis, treatment and recent advances has therefore become very important.

Hypertension has become a focus of intense clinical, epidemiological and laboratory research. The volume of data and information available is so large that it is not possible for a practitioner to search and scan every new trial or published guideline. Modules such as this therefore bring concise updated information to the table of the practitioner. Not only does the reader get a bird's eye view, the course also provides an interactive method to study the clinical dilemmas that one faces.

This module on hypertension put together by Distance Education Cell at CMC Vellore is unique in that it is detailed and at the same time presents the topics in an easily readable, simple format.

**Duration of the course:** 6 months

**Contact Programme:** 1 week

**Venue of the Contact Programme:** CMC, Vellore

**Fees:** 15,000/- (subject to revision)

**Study materials:** 12 modules in 2 volumes

You may download the Application form and Prospectus from our website: www.cmch-vellore.edu and click on "Education/ Admissions".

## Master in Medicine in Family Medicine

(Affiliated to the Tamil Nadu Dr M G R Medical University)

### Preamble

There are close to 2, 50,000 General Practitioners in India who have no access to postgraduate education. Since the government has not mandated continuous education for physicians, most of the GPs do not make much effort to remain up-to-date with the developments in the medical education. The lack of continuous updating of the knowledge and skills by these GPs has led to a situation where there are excessive referrals because they are not confident in handling cases even with the slightest complication. Many patients, therefore, end up visiting multi-specialty hospitals where the health care costs are very high. No wonder, in a World Bank study done in the year 2004, it was found that the private health care sector was responsible for drowning many below the poverty line! A 'Family Physician' is a multi-competent specialist who not only provides the point of first contact, but also provides the continuum of care. The number of 'Family Physicians' - doctors satisfying the above definition - in the Indian sub-continent is grossly inadequate to cater to the huge population.

### The Objective

The objective of the M.MED (FAMILY MED.) programme is to build the capacity of GPs and enable them to manage more cases so that referral

becomes less necessary - hence the motto: 'Refer less, Resolve more'. The ultimate beneficiaries of the programme will be patients from the financially weaker section of the population, especially those from the rural areas. Thus, the programme leads to a win-win situation for the patients and the GPs, as the former find a one- window solution, while the latter (who would have become multi-competent) find a much larger scope for their practice.

### Eligibility Criteria

- Valid MBBS Degree, and MCI/ state registration
- Indians, practising in India

Selection is through an entrance examination

**Duration:** This is a two year 'blended learning course' involving both self-learning, as well as a hands-on component in the form of contact programmes.

**Contact programme:** Three contact programmes of 11 days each.

**Venue of the Contact Programme:** 4 centres across the country (Delhi, Oddanchathram, Dimapur, Vellore)

**Fees:** 98,000/- (subject to revision)

**Study materials:** 15 handbooks with 100 modules

### Application and Prospectus

You may download the Application form and Prospectus from the distance education website: [cmcdistedu.org](http://cmcdistedu.org). **Email:** [info@cmcdistedu.org](mailto:info@cmcdistedu.org)



# Nursing



## 3. NURSING

### 3.1 UNDERGRADUATE NURSING PROGRAMMES

#### 3.1.1 Diploma in General Nursing and Midwifery

The Diploma in General Nursing and Midwifery programme includes a 3 year course and one year training as a junior staff nurse. The student intake is 100 per year. The core subjects in First Year include Biological Science, Behavioural Science, Nursing Foundations inclusive of Bioethics, Community Health Nursing, English and Computer Education. The Second Year subjects of study include Medical-Surgical Nursing, Mental Health/Psychiatric Nursing and Child Health Nursing. The subjects in Third Year include Midwifery and Gynaecology Nursing, Community Health Nursing, Nursing Education, Research, Professional Trends and Adjustments, Administration and Ward Management. Students



Best outgoing Nursing student - Diploma

appear for examinations conducted by the Board of Nursing Education of the Nurses' League, Christian Medical Association of India (South India Branch) at the end of each year during the course. The Diploma is awarded by the BNESIB, NL CMAI and is recognized by the Indian Nursing Council.

#### Eligibility for Admission

|  |  |
|--|--|
| <b>Minimum qualification for application</b> | <b>Pass at +2 level preferably Science with Physics, Chemistry, Biology (Botany and Zoology) with minimum of 40% aggregate and English individually.</b> |
| <b>*Age limit</b>                            | <b>Between 17–35 years by 31st December in the year of admission*</b>  |
| <b>*Marital Status</b>                       | <b>Only unmarried men and women are eligible to apply*</b>   |

\* Age and marital status are exempted for those who have completed ANM / MPHWP programme

#### Basis for Admission

**1. Selection is based on merit:** Step I will be a Computer Based Test (CBT) (see Annexure III of bulletin), followed by Step II with assessment of skills and knowledge for short-listed candidates, which will assess the candidate's aptitude and interest towards the healing ministry. Motivation and suitability to undertake the nursing programme in the Christian Medical College, Vellore are also assessed. For Christian students applying under the Minority Network category, a written test in Bible Knowledge will be a part of the tests at Vellore during Step II. Admission to the programme for the year is subject to being found medically fit by the Medical Board of Christian Medical College, Vellore.

**2. The final distribution of seats will be as follows:**

|   | Female candidates | Male candidates | Total |
|---|-------------------|-----------------|-------|
| All India Open                                      | 7                 | 2               | 9     |
| Minority Network Category & CMC Vellore Staff quota | 83                | 8               | 91    |



### 3. Recommendation to the Minority Network Category

- a. Recommendation to the Minority Network category will be as per the guidelines under Section 1.14.
- b. College of Nursing Recommendation to the Minority Network

The College of Nursing offers recommendation to the Minority Network category to eligible Christian candidates. Those who desire College of Nursing Recommendation to the Minority Network category should fill the application form for recommendation (Annexure V of the Bulletin) and send to:

THE REGISTRAR,  
CHRISTIAN MEDICAL COLLEGE,  
VELLORE – 632 002, TAMIL NADU,

so as to reach not later than 10th April 2020.

- c. Applying for recommendation to the Minority Network category does not guarantee such recommendation, selection to the programme or financial assistance. No further correspondence regarding this will be entertained. Christian Medical College, Vellore has the right to post any of its Minority Network candidates to any department of the Christian Medical College at the discretion of the Dean, College of Nursing, based on the need.

### 4. Service obligation:

- a. Service obligation for the candidates will be as per the guidelines under Section 1.15.
- b. All candidates admitted to the programme will have to undertake a service obligation to work in an area of need for a period of two years after course completion.
- c. Minority Network candidates may be transferred to serve all or part of their service obligation in some other mission hospital in India if such a need arises.
- d. The candidates chosen under the open category will serve in areas of need identified by the Christian Medical College, Vellore.

### 5. THE DECISION OF THE SELECTION COMMITTEE IS FINAL.

#### Registration for Admission

Candidates selected for admission into the programme will be required to register by paying the prescribed fee and completing other admission formalities. Submission of all original certificates is mandatory at the time of registration for the programme. Admission to the programme will continue to be provisional until approved by the Board of Nursing Education of the Nurses' League, Christian Medical Association of India (South India Branch).



Best outgoing Nursing student - BSc

### 3.1.2 BSc Degree in Nursing, Christian Medical College Vellore

The BSc Nursing programme is designed to enable students to get a wider understanding of nursing based on scientific principles and clinical experience. The annual intake of students is 100. The programme includes a 4 year course and one year training as junior staff nurse. It is affiliated to The Tamil Nadu Dr.M.G.R. Medical University. Students have to appear for University examinations at the end of each year during the course. The course includes basic sciences (Anatomy, Physiology, Biochemistry, Microbiology and Nutrition), Nursing Foundation inclusive of Bioethics, Psychology, English and Computer Applications in the first year.

The second year focuses mainly on General Medical Surgical Nursing and an orientation to Community Health Nursing. Subjects like Sociology, Genetics, Pharmacology, Pathology, Communication and Education Technology are also covered in this year. The third year deals with specialties in Medical Surgical Nursing, Child Health Nursing, Mental Health / Psychiatric Nursing and Nursing Research. The first half of fourth year is spent on Obstetrics

and Gynaecology Nursing, Community Health Nursing and Management of Nursing Services & Education. The second half of the fourth year is a rotating internship in all the areas of Nursing.

#### Eligibility for Admission

1. Candidates should have passed the qualifying examination after a period of 12 years of study in Physics, Chemistry, Biology (Botany & Zoology) and English. She must have obtained a minimum of 45% aggregate marks in Physics, Chemistry and Biology (Botany and Zoology) and English individually at the qualifying examination from any recognized board. There is 5% relaxation for admission to all the SC/ST candidates.
  2. Candidates should have passed in all subjects of the qualifying examination of the Higher Secondary Certificate Examination (Academic) conducted by The Tamil Nadu State Board or any other equivalent examination in one and the same attempt in the subjects
  3. Candidates should have completed the age of 17 years at the time of admission or should complete the said age on or before 31st December of the said year. The maximum age limit is 30 years and is relaxed up to 35 years for SC/ST candidates.
  4. Only unmarried women candidates are eligible to apply.
  5. Candidates who have passed Higher Secondary School Examination under vocational stream are not eligible to join B.Sc. (Nursing) Degree Programme.
  6. The selected candidates must produce an Eligibility Certificate from The Tamil Nadu Dr. M.G.R. Medical University, Chennai at the time of registration for admission.
- Please check the relevant admission bulletin on the CMC website for updated information.

#### Basis of Admission

1. Selection is based on merit. Step I will be Computer Based Test (CBT) (see Annexure III of bulletin) followed by Step II, with assessment of skills and knowledge for short-listed candidates, which will assess the candidate's aptitude and interest towards the healing ministry. Motivation and suitability to undertake the nursing programme in the Christian Medical College, Vellore is also assessed. For Christian students applying under the Minority Network category, a written test in Bible Knowledge will be part of the tests at Vellore during Step II. Admission to the programme for the year is



subject to being found medically fit by the Medical Board of Christian Medical College, Vellore.

2. The final distribution of seats will be as follows:

|   |                             |
|---|-----------------------------|
| All India Open                                      | 15 (including 3 for SC/ ST) |
| Minority network category & CMC Vellore Staff quota | 85                          |

The candidates belonging to Scheduled Caste/ Tribes (SC/ST) should indicate this on the BSc application form and a photocopy of the certificate of proof issued by the Deputy Tahsildar or the District Magistrate MUST been closed. The original of this certificate is required at the time of registration for Step II.

3. Recommendation to the Minority Network Category:

a. Recommendation to the Minority Network Category will be as per the guidelines under Section 1.14.

b. Undergraduate College Recommendation for Christians to the Minority Network category: Christian candidates who are not recommended to the Minority Network category by the CMC Vellore Association or Council members may apply to be considered under the Undergraduate College Recommendation for Christians to the Minority Network category, which will be as per guidelines under Section 1.14.1.

c. Applying for recommendation to the Minority Network Category does not guarantee such recommendation, selection to the programme or financial assistance. No further correspondence regarding this will be entertained. Christian Medical College, Vellore has the right to post any of its Minority Network category candidates to any department of the Christian Medical College at the discretion of the Dean, College of Nursing, based on the need.

4. Service obligation:

a. Service obligation for the candidates will be as per guidelines under Section 1.15.

b. All candidates admitted to the programme will have to undertake a service obligation to work in an area of need for a period of two years after completion.

c. Minority Network category candidates may be transferred to serve all or part of their service obligation in some other mission hospital in India if such a need arises.

d. The candidates chosen under the open category

will serve in areas of need identified by the Christian Medical College, Vellore.

5. THE DECISION OF THE SELECTION COMMITTEE IS FINAL.

### Registration for Admission

Candidates selected for admission in to the programme will be required to register by paying the prescribed fee and completing other admission formalities. Submission of all original certificates is mandatory at the time of registration for the programme. Admission to the programme will continue to be provisional until approved by The Tamil Nadu Dr. M.G.R. Medical University, Chennai.

### 3.1.3 BSc Degree in Nursing, Christian Medical College Vellore, Chittoor Campus

The BSc Nursing Programme is designed to enable students to get a wider understanding of Nursing based on scientific principles and clinical experience. The annual intake of students is 50. The programme includes a 4 year course and one year training as junior staff nurse. It is affiliated to Dr. NTR University of Health Sciences, Vijayawada, Andhra Pradesh. Students have to appear for University examinations at the end of each year during the course.

The course includes basic sciences (Anatomy, Physiology, Biochemistry, Microbiology and Nutrition), Nursing Foundation inclusive of Bioethics, Psychology, English and Computer Application in the first year.

The second year focuses mainly on General Medical Surgical Nursing and an orientation to Community Health Nursing. Subjects like Sociology, Genetics, Pharmacology, Pathology, Communication and Education Technology are also taught in this year.

The third year deals with specialities in Medical Surgical Nursing, Child Health Nursing, Mental Health/Psychiatry Nursing and Midwifery and Obstetrical Nursing, Nursing Research and Statistics.

The first half of fourth year deals with Midwifery and Obstetrical Nursing, Community Health Nursing, Management of Nursing Services and Education. The second half of the fourth year is a rotating internship in all the areas of Nursing.

### Eligibility for Admission

1. Candidates should have passed the qualifying examination after a period of 12 years of schooling/10+2 years in the subjects of Physics, Chemistry, Biology / (Botany and Zoology) and English individually from any recognised Board obtaining a minimum of 45% aggregate marks in PCB at the qualifying examination. There is 5% relaxation in PCB aggregate marks for admission of SC/ST candidates.
2. Candidates should have passed in all subjects of the qualifying examinations (10 +2) from recognised board under AISSSCE/ CBSE/ ICSE/ SSCE /HSCE or any other equivalent examinations in one and the same attempt.
3. Candidate should have completed the age of 17 years at the time of admission or on or before 31st December of the year of admission. The maximum age limit is 30 years and is relaxed up to 35 years for SC/ST candidates.
4. Only unmarried women are eligible to apply.
5. Candidates who have passed Higher Secondary School Examination under vocational stream are not eligible to join BSc Nursing Programme.



6. Candidates should be medically fit by the Medical Board constituted by Christian Medical College Vellore, Chittoor Campus for the selections.
7. Candidates are admitted once in a year.

Please check the relevant admission bulletin on the CMC website for updated information.

### Basis for Admission

1. Selection is based on merit. Step I will be Computer Based Test (CBT) (see Annexure III of bulletin) followed by Step II, with assessment of skills and knowledge for short-listed candidates, which will assess the candidate's aptitude and interest towards the healing ministry. Motivation and suitability to undertake the nursing programme in the Christian Medical College Vellore, Chittoor Campus is also assessed. For Christian students applying under the Minority Network category, a written test in Bible Knowledge will be part of the tests at Chittoor during Step II. Admission to the programme for the year is subject to being found medically fit by the Medical Board of Christian Medical College Vellore, Chittoor Campus.
2. The final distribution of seats will be as follows:

|   |                            |
|---|----------------------------|
| All India Open                                      | 7 (including 3 for SC/ ST) |
| Minority network category & CMC Vellore Staff quota | 43                         |

The candidates belonging to Scheduled caste/ Scheduled Tribe (SC/ST) should indicate this on the BSc application form and a photocopy of the certificate of proof issued by the Mandal Revenue Officer and its attested English translation must be enclosed. The original of this certificate is required at the time of Registration for step II.

3. Recommendation to the Minority Network Category:

a. Recommendation to the Minority Network Category will be as per the guidelines under section 1.14

b. Undergraduate College Recommendation for Christians to the Minority Network Category: Christian candidates who are not recommended to the Minority Network Category by the CMC Vellore Association or Council members may apply to be considered under the Undergraduate College Recommendation for Christians to the Minority Network category, which will be as per guidelines under Section 1.14.1.

c. Applying for recommendation to the Minority Network Category does not guarantee such recommendation, selection to the programme or financial assistance. No further correspondence regarding this will be entertained. Christian Medical College Vellore, Chittoor Campus has the right to post any of its Minority Network Category candidates to any department of the Christian Medical College Vellore, Chittoor Campus or to any of the other campuses or Network Hospitals at the discretion of the Principal, College of Nursing, based on the need.

4. Service Obligation

a. Service Obligation for the candidates will be as per guidelines under section 1.15.

b. All candidates admitted to the programme will have to undertake a service obligation to work in an area of need for a period of two years after completion.

c. Minority Network category candidates may be transferred to serve all or part of their service obligation in some other mission hospital in India if such a need arises.

d. The candidates chosen under the open category will serve in areas of need identified by the Christian Medical College Vellore Chittoor Campus.

5. THE DECISION OF THE SELECTION COMMITTEE IS FINAL.

#### Registration for admission

Candidates selected for admission into the programme will be required to register by paying the prescribed fee and completing other admission formalities. Submission of all original certificates is mandatory at the time of registration for the programme. Admission to the programme will

continue to be provisional until approved by Dr. NTR University of Health Sciences, Vijayawada, Andhra Pradesh.

## 3.2 POSTGRADUATE, POST BASIC DEGREE, POST BASIC DIPLOMA AND FELLOWSHIP NURSING PROGRAMMES

### 3.2.1 MSc Degree in Nursing

This programme prepares candidates for leadership positions in nursing education, practice, management and research. This programme requires full time attendance.

| Programme                           | No. of Seats |
|-------------------------------------|--------------|
| MSc(N) (Medical Surgical)           | 10           |
| MSc(N) (Paediatrics)                | 5            |
| MSc(N) (Obstetrics & Gynaecology)   | 5            |
| MSc(N) (Community Health)           | 5            |
| MSc(N) (Mental Health / Psychiatry) | 4            |

#### Eligibility for Admission

The candidates should have

1. Passed the qualification of B.Sc. Nursing / B.Sc. (Honors) in Nursing / Post Basic B.Sc. Nursing by The Tamil Nadu Dr. M.G.R. Medical University, Chennai or any other University accepted as equivalent there to, with a minimum of 55% aggregate marks.

2. Registered with the State Registration Council for Nursing and Midwifery / alternate course approved by Indian Nursing Council for a similar duration in lieu of Midwifery. Male candidates who do not possess Midwifery registration certificate are not eligible to apply for M.Sc.(N)–Obstetrics and Gynaecological Nursing and Community Health Nursing, irrespective of experience in the area.

3. Minimum one year of experience in a hospital or in a college or in a School of Nursing or in a Community Health Programme from the date of registration in the State Nursing Council after B.Sc. Nursing / B.Sc. (Honors) in Nursing (or) after / prior to Post Basic B.Sc. Nursing (regular stream).

4. A Certificate of Medical Fitness from an authorized Medical Officer.



Lamp lighting Ceremony, Nursing Students

**Basis of Admission**

1. Selection is based on merit. The selection process starts with Step I-Computer Based Test (CBT). Step-I process involves taking the General Paper AND / OR Speciality Paper.

- The General paper will consist of questions from Medical Surgical, Paediatrics, Obstetrics & Gynaecology, Community Health and Psychiatric Nursing.
- The Speciality paper will consist of questions specific to each of the 5 specialities.

The type of paper available according to the preferences/s is explained below:

| Preference          |   |
|---------------------|---|
| Only one preference | The candidate can take either the General paper OR the respective Speciality paper as per the preference.   |
| Two preferences     | The candidate can take either the General paper alone for both the specialities, OR General paper for one preference and Speciality paper for the other preference. |

However, the candidate cannot take TWO Speciality papers.

2. Step I will be followed by Step II for shortlisted candidates where medical check-up, personal interviews and assessment of knowledge and skills are conducted.

3. At least 50% of the seats in each speciality are reserved for Minority Network candidates, provided they fulfil the criteria for admission.
4. Weight age is given to candidates who have served in areas of need.
5. Admission to the Programme for the year is subject to being found medically fit by the Medical Board of Christian Medical College, Vellore.
6. Service obligation for the Minority Network candidates will be as per the guidelines under Section 3.2.5.

**Registration for admission** details are explained in Section 3.2.6.

**Supplementary selection**

- A supplementary selection may be conducted for M.Sc. Nursing, if the specified number of seats is not filled in any of the specialities.
- In such an event, candidates who have cleared Step-I with General paper and have not been selected for the specialities chosen will become eligible for Supplementary Selection.
- Selection of candidates will be based on personal interview and performance in special tests to assess skills.
- The candidates selected through Supplementary Selection will be only under open category.



Nursing Students' Hostel, inaugurated on 22 Jan 2016

• The dates for Supplementary Selection, if conducted, will be displayed in the admission page of the website..

### 3.2.2 Post Basic BSc Nursing Programme

This two year programme aims to upgrade the Diplomates (GNMs) and prepares them to assume responsibilities as competent practitioners, nurse educators and supervisors in clinical/ public health settings. This programme requires full time attendance.

#### Eligibility for Admission

The candidate should have:

1. Passed Higher Secondary / Senior Secondary / Intermediate / 10+2 / an equivalent examination recognized by the University / 10 +1 in or before the year 1986.
2. Passed the qualification of Diploma in General Nursing and Midwifery or alternate course.
3. Permanent registration certificate with the State Registration Council for Nursing and Midwifery/ alternate course approved by Indian Nursing Council for a similar duration in lieu of Midwifery, in any one of the following areas:
  - OT Techniques
  - Ophthalmic Nursing

- Leprosy Nursing
- TB Nursing
- Psychiatric Nursing
- Neurological and Neuro Surgical Nursing
- Community Health Nursing
- Cancer Nursing
- Orthopedic Nursing

4. A Certificate of Medical Fitness from an authorized Medical Officer.

#### Basis of Admission

1. Selection is based on merit. The selection process starts with Step I- Computer Based Test (CBT) consisting of the general paper. This is followed by Step II for shortlisted candidates where medical check-up and personal interviews are conducted.
2. The number of seats is 50. Among the total seats, 85% of the seats are reserved for Minority Network category and 15% of the seats are reserved for the open merit category, provided they fulfil the criteria for admission.
3. Weightage is given to candidates who have served in areas of need.
4. Admission to the Programme for the year is subject to being found medically fit by the Medical Board of Christian Medical College, Vellore.

5. Service obligation for the Minority Network candidates will be as per the guidelines under Section 3.2.5.

Registration for admission details are explained in Section 3.2.6.

### 3.2.3 Post Basic Diploma in Nursing

The one-year Post Basic Diploma programmes in nursing are designed to prepare registered nurses to acquire in-depth knowledge and skills in specialized areas of nursing. It aims to prepare them to function effectively as caregivers / nurse supervisors in the respective settings. These programmes require fulltime attendance. The course includes Foundations of Nursing, Speciality Nursing, Nursing Management, Education and Research.

| Programme                             | No. of seats |
|---------------------------------------|--------------|
| Cardiothoracic Nursing*               | 15           |
| Critical Care Nursing*                | 20           |
| Emergency and Disaster Nursing*       | 20           |
| Neonatal Nursing*                     | 15           |
| Neurology Nursing*                    | 15           |
| Oncology Nursing*                     | 20           |
| Operation Room Nursing*               | 15           |
| Psychiatric Nursing*                  | 20           |
| Orthopaedic & Rehabilitation Nursing* | 20           |
| Geriatric Nursing*                    | 10           |
| Renal Nursing                         | 4            |
| Burns Nursing                         | 4            |

\* Recognized by the Indian Nursing Council (INC)

#### Eligibility

The candidate should have

1. Passed the qualification of Diploma in General Nursing and Midwifery or alternate course / B.Sc. Nursing / B.Sc. (Honors) in Nursing / Post Basic B.Sc. Nursing.
2. Permanent registration certificate from the State Nursing Council for Nursing and Midwifery or alternate course (applicable to male candidates).
3. Minimum one year of work experience as on 1st September of the said year in any clinical area in the hospital or in the community.
4. A Certificate of Medical Fitness from an authorized Medical Officer.

#### Basis of Admission

1. Selection is based on merit. The selection process starts with Step I-Computer Based Test (CBT) consisting of the general paper. This is followed by Step II for shortlisted candidates where medical check-up and personal interviews are conducted.
2. At least 50% of the seats in each speciality are reserved for Minority Network candidates provided they fulfil the criteria for admission.
3. Weight age is given to candidates who have served in areas of need.
4. Admission to the programme for the year is subject to being found medically fit by the Medical Board of Christian Medical College, Vellore.
5. Service obligation for the Minority Network candidates will be as per the guidelines under Section 3.2.5.

Registration for admission details are explained in Section 3.2.6.

#### Post Diploma in Cardio Thoracic Nursing

This programme is designed to train registered nurses to provide advance quality care to patients with Cardio Thoracic disorders and their families. The programme will equip the nurses with specialized knowledge and skills required for the treatment of cardiovascular problems with surgery, medication, and lifestyle recommendations and management of a cardio-thoracic unit.

#### Post Diploma in Neuro Science Nursing

This programme prepares registered nurses with specialized knowledge, skills and attitude in providing advanced quality care to patients with neurological disorders. Students under taking this course have the opportunity to apply theory to practice during clinical placements in the areas of Neuro Intensive Care, Neuro medicine and Neurosurgery. Through the learning experiences, students develop clinical judgement, problem solving, and communication and team skills necessary to care for patients with complex neuroscience conditions.

#### Post Basic Diploma in Operation Room (O.R.) Nursing

This programme is designed to provide care and support to patients before, during and after surgery. The advances in surgical procedures and



technologies have played a pivotal role in prognosis and health care outcomes. This calls for trained nurses in operation theatres who are well-informed about such advances and skilled in using them. The specially trained nurses in OR Nursing play a key role in the effective functioning of peri operative team. The course also enables the students to acquire knowledge of anaesthesia.

### Post Basic Diploma in Critical Care Nursing

This programme aims at enabling registered nursing professionals to develop and apply advanced nursing care knowledge and skills for providing comprehensive nursing care to critically ill patients in intensive care settings. It covers various specialties of Surgery, Medicine, Cardiology, Nephrology, Neurosciences, Haematology, Obstetrics, Neonatology, Paediatrics and Accident and Emergency. The programme equips the nurses to vigilantly monitor, assess and treat the critically ill, while providing education and support to their families.

### Post Basic Diploma in Gerontological Nursing

This programme is designed to strengthen and develop the knowledge, skills and attitudes of

nurses caring for the older adult. The course also equips nurses to educate and support the concerned families, caregivers and communities at primary, secondary and tertiary levels of care. The programme exposes the students to gerontological considerations in the medical, surgical, psychiatry, neurology and community areas.

### Post Basic Diploma in Orthopaedic and Rehabilitation Nursing

This programme equips nurses to care for patients experiencing musculo skeletal problems. The course is designed to train nurses to assess, diagnose, treat and care for patients with musculo skeletal problems following trauma, tumours, chronic degenerative illness and other associated illnesses. Since nurses play a key role in the rehabilitation process, the course will train the nurses to provide guidance and counselling to patients and families to promote and maintain health and quality of life.

### Post Basic Diploma in Oncology Nursing

This programme is designed to prepare specially trained Oncology Nurses who can provide competent care to patients with cancer in a safe and effective care environment. The advanced theoretical knowledge, critical thinking and specialist skills



required of an oncology nurse are met by this course that offers opportunities to gain specific oncologic nursing competencies, administer radiation and chemotherapies, provide follow-up monitoring, rehabilitation and terminal care.

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### **Post Basic Diploma in Neonatal Nursing**

This programme provides nurses with the skills and knowledge to practice safely and competently in a variety of neonatal nursing settings, with sick and convalescing infants. Through the teaching and learning experiences, students develop expertise in caring for babies and their families affected by acute, chronic and complex neonatal illnesses. The areas in which the training is provided include Labour room, postnatal wards, New-born units, Paediatric surgery NICU, and community / follow up services/ clinics.

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### **Post Basic Diploma in Psychiatric/Mental Health Nursing**

This programme is designed to prepare nurses with specialized knowledge and skills in, preventive, promotive and rehabilitative aspects of Psychiatric and Mental Health care. The course includes training

in in-depth mental health assessment, interventions, counselling models, therapeutic relationships, and family and community partnerships. It equips nurses to help patients with psychiatric disorders and developmental and / or cognitive difficulties, function at their maximum potential, thus playing an important role in advancing the mental health and well-being of individuals, families and communities.

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### **Post Basic Diploma in Emergency and Disaster Nursing**

This programme is designed to equip nurses to be competent in life-saving interventions, problem solving, and technical skills in Emergency settings ranging from wound management and trauma response to disaster preparedness. Since the acuity of patients, complexity of care and degree of technological interventions in emergency settings are variable, students learn to perform accurate assessments, anticipate and prioritise patient care and manage effectively in a busy, fast paced and stressful environment. The course provides nurses with opportunities to work as part of the emergency medical team in an effort to assist patients facing



traumatic injuries and sudden serious illnesses. The students get experience in the Emergency services and also in the Medical, Surgical, Paediatrics, Obstetrics and Gynaecology, Trauma, Orthopaedics, Neuro, Psychiatry, Burns and Intensive care areas.

### Post Basic Diploma in Renal Nursing

This programme is designed to equip nurses with the theory and skills necessary to provide evidence based, quality care to patients with renal disorders. The course provides opportunities to understand the complex kidney diseases, work with inter disciplinary team and gain specific skills to care for patients who require ongoing care or life-sustaining treatment. They learn about dialysis, renal transplantation, and other treatment methods which will enable them to manage chronic illnesses and impact quality-of-life and end-of-life care for renal patients. The students are posted in the renal units, Medical surgical units, Operation room, Medical and Pediatric ICUs, Dialysis and Renal Transplant units.

### Post Basic Diploma in Burn Nursing

This programme equips nurses to gain knowledge of advanced technologies and practices in burn care and provide comprehensive and holistic care to patients with burn injuries in emergent, acute and in recovery phases. The course provides learning experiences in first aid management, burn assessment, fluid resuscitation, airway and wound management, surgical intervention, skin substitutes, burn rehabilitation, burn prevention and education. It enables nurses to address not only the issues of patients' physical well-being, but also the emotional and psychological trauma of the patients and their families.

### 3.2.4 Fellowship in Nursing

This programme is designed to prepare registered graduate nurses for advanced nursing practice in various specialities. This one year programme requires full time attendance and is offered by the institution in the following specialties:

| Programme                                      | No. of seats |
|--|--------------|
| Fellowship in Family Nurse Practice            | 4            |
| Fellowship in Haematology Nursing              | 4            |
| Fellowship in Respiratory Nursing              | 4            |
| Fellowship in Paediatric Critical Care Nursing | 4            |

### Eligibility for Admission

The Candidate should have

1. Passed the qualification of B.Sc. Nursing /B.Sc. (Honors) in Nursing/ Post Basic B.Sc. Nursing degree of The Tamil Nadu DrM.G.R. Medical University, Chennai or any other University accepted as equivalent there to.
2. Permanent registration certificate from the State Nursing Council for Nursing and Midwifery or alternate course (applicable to male candidates).
3. Minimum one year of work experience as on 1st September of the said year in any clinical area in the hospital or in the community.
4. A Certificate of Medical Fitness from an authorized Medical Officer.

### Basis of Admission

1. Selection is based on merit. Step I will be Computer Based Test (CBT) consisting of a general paper followed by Step II which includes personal interviews.
2. Atleast 50% of the seats in each speciality are reserved for Minority Network candidates provided they fulfil the criteria for admission.
3. Weight age is given to candidates who have served in areas of need including CMC, Vellore.
4. Admission to the programme for the year is subject to being found medically fit by the Medical Board of Christian Medical College, Vellore.
5. Service obligation for the Minority Network candidates will be as per the guidelines under Section 3.2.5.

**Registration for admission** details are explained in Section 3.2.6.

### Fellowship in Family Nurse Practice

This programme is designed to prepare registered nurses for advanced nursing practice as family nurse practitioners. A family nurse practitioner in collaboration with a physician provides primary health care services across the life span in community and ambulatory care settings. The candidate should be a Registered Nurse and Midwife to apply for this programme.

### Fellowship in Haematology Nursing

This programme is designed to prepare registered nurses for advanced nursing practice in haematology.



It aims to prepare registered nurses in collaboration with the physician to provide specialized health care to patients with haematological disorders of all ages in hospital settings.

#### Fellowship in Respiratory Nursing

This programme is designed to prepare registered nurses for advanced nursing practice in respiratory care. It aims to prepare registered nurses in collaboration with the physician to provide specialized health care to patients with respiratory disorders of all ages in hospital settings.

#### Fellowship in Paediatric Critical Care Nursing

This programme is designed to prepare registered nurses for advanced nursing practice in paediatric critical care. It aims to prepare registered nurses in collaboration with the physician to provide specialized health care to critically ill children in the hospital settings. Candidates applying for this course should have a minimum one year of experience as a Nurse in the Paediatric wards / Neonatology unit after B.Sc. Nursing / B.Sc. (Honours) in Nursing / after (or) prior to Post Basic B.Sc. Nursing.

### 3.2.5 Service Obligation for Postgraduate, Post Basic Degree, Post Basic Diploma and Fellowship Nursing Programmes

#### Service Obligation

CMC upholds the value that its alumni will commit themselves to the service of the poor and marginalized. Towards this end, the cost of

education is subsidized to prevent the candidates being burdened financially. The Minority Network candidates will have to undertake a service obligation, to serve the Minority Network agency after completion of the programme.

### 3.2.6 Registration for Admission

Candidates selected for admission in to the programmes will be required to register for the same on payment of the prescribed fee and completing admission formalities. Submission of all original certificates at the time of registration for the course is mandatory. All the selected candidates for MSc Degree in Nursing and Post Basic B.Sc.in Nursing must produce the Eligibility certificate from The Tamil Nadu Dr.M.G.R. Medical University, Chennai at the time of registration for admission. Admission to these two programmes continues to be provisional until approved by The Tamil Nadu Dr. M.G.R. Medical University, Chennai.

Admission to the Post Basic Diploma Nursing programme continues to be provisional until approved by the Board of Nursing Education of the Nurses' League, Christian Medical Association of India (South India Branch) for the courses recognized by the same.

At successful completion of the Fellowship in Nursing programme, the candidates will be awarded the certificate from the College of Nursing, Christian Medical College, Vellore.

# Allied Health Sciences



## 4. ALLIED HEALTH SCIENCES

### 4.1 GUIDELINES FOR ADMISSION TO ALLIED HEALTH SCIENCES

#### Eligibility for Admission

Candidates should have passed the Higher Secondary Certificate Examination (Academic) conducted by the Tamil Nadu State Board or any other equivalent examination with the following subjects: English, Physics, Chemistry and Biology (Botany and Zoology). **Candidates applying for Bachelor of Prosthetics & Orthotics, and Diploma in Optometry should have a minimum of 40% marks, and for those applying for Diploma in Urology Technology should have a minimum of 50% marks in English, Physics, Chemistry & Biology.**

Candidates should have completed the age of 17 years at the time of admission or should complete the said age on or before 31st December of the said year, and the maximum limit is 40 years for AHS Degree courses (Exception: Age limit for BASLP course alone is up to 25 years).

#### Basis for Admission

Selection is based on merit. A preliminary Computerbased, Step -1 test (see Annexure III of the admission bulletin), followed by Step-2 test (practical tests and interview) for short-listed candidates, will assess the candidate's ability to undertake medical

studies. The tests and interview will assess the candidate's character, motivation and suitability for the allied health profession, and studies at the Christian Medical College, Vellore. During this process the aptitude of the candidate for the healing ministry, willingness to serve in remote mission hospitals and a sense of compassion for the suffering will be assessed.

Admission to the programme for the year is subject to being certified medically fit by the Medical Board of the Christian Medical College, Vellore.

Recommendation to the Minority Network will be as per the guidelines under section 1.14 of this prospectus.

THE DECISION OF THE SELECTION COMMITTEE IS FINAL.

#### Registration for Admission

Those finally selected for admission after interviews and tests will be required to register for the course by paying the tuition fee and completing other admission formalities. Students should submit their certificates in original. (Admission to the degree courses will continue to be provisional until approval by the Tamil Nadu Dr M.G.R. Medical University).

#### Dress Code

Uniform as specified will be compulsory during the course.



## 4.2 DEGREE COURSES

(Affiliated to Tamil Nadu Dr MGR Medical University)

Please check the relevant admission bulletin on the CMC website for updated information.

| Course  | No. of seats |   |        | Duration |            |
|---|--------------|---|--------|----------|------------|
|   | Open         | Minority Network category & CMC Vellore Staff Quota | Total* | Course   | Internship |
| BSc Accident & Emergency Care Technology          | 2            | 6   | 8      | 3 yrs    | 1 yr       |
| Bachelor of Audiology & Speech Language Pathology | 1            | 5   | 6      | 3 yrs    | 1 yr       |
| BSc Cardiac Technology                            | 2            | 5   | 7      | 3 yrs    | 1 yr       |
| BSc Cardio Pulmonary Perfusion Care Technology    | 1            | 2   | 3      | 3 yrs    | 1 yr       |
| BSc Critical Care Technology                      | 2            | 8   | 10     | 3 yrs    | 1 yr       |
| BSc Dialysis Technology                           | 2            | 5   | 7      | 3 yrs    | 1 yr       |
| BSc Medical Laboratory Technology (BSc MLT)       | 2            | 10  | 12     | 3 yrs    | 1 yr       |
| BSc Medical Record Science (BMRSc)                | 1            | 5   | 6      | 3 yrs    | 1 yr       |
| BSc Medical Sociology                             | 1            | 4   | 5      | 3 yrs    | 1 yr       |
| BSc Neuro-Electrophysiology                       | 1            | 4   | 5      | 3 yrs    | 1 yr       |
| BSc Nuclear Medicine Technology                   | 1            | 3   | 4      | 3 yrs    | 1 yr       |
| Bachelor of Occupational Therapy (BOT)            | 2            | 8   | 10     | 4 yrs    | 6 months   |
| BSc Operation Theatre and Anaesthesia Technology  | 1            | 6   | 7      | 3 yr     | 1 yr       |
| Bachelor of Optometry (B Optom)                   | 2            | 8   | 10     | 3 yrs    | 1 yr       |
| Bachelor of Physiotherapy (BPT)                   | 2            | 8   | 10     | 4 yrs    | 6 months   |
| Bachelor of Prosthetics & Orthotics               | 1            | 4   | 5      | 4 yrs    | 6 months   |
| BSc Radiography & Imaging Technology              | 2            | 8   | 10     | 3 yrs    | 1 yr       |
| BSc Radiotherapy Technology                       | 1            | 3   | 4      | 3 yrs    | 1 yr       |
| BSc Respiratory Therapy                           | 1            | 5   | 6      | 3 yrs    | 1 yr       |

Entrance test (Step 1): Science based paper

\* Variable depending on guidelines

### Bachelor of Science in Accident and Emergency Care Technology

The Accident and Emergency Care Technology course is a three year course which trains candidates in Emergency Medicine with technical knowledge and skills to become the first responders to all emergencies. They are taught knowledge and skills to help victims of emergencies within and outside the hospital. Training experience is predominantly in the department of Accident and Emergency Medicine, which is a 50 bedded Unit which handles approximately 240-300 adult medical, surgical emergencies and paediatric trauma. This centre is recognized by the WHO as the South-East Asian Regional Training for Emergency Medicine and

Emergency Nursing. Peripheral postings include Critical Care and Obstetrics.



## Bachelor of Audiology & Speech Language Pathology

(Approved by Rehabilitation Council of India)



This specialty deals with the study of normal & abnormal functioning of the auditory system, the speech production mechanism, and language processing. This field has connections to a number of other disciplines, including anatomy, physiology, psychology, linguistics, medicine, and education. Students pursuing a degree in this field are also introduced to both basic and applied research and to its various clinical applications. A person possessing such a degree can work as an audiologist diagnosing hearing problems, fitting hearing aids, working with cochlear implant recipients and voice and language disorders. They can also apply for higher studies like MASLP and eventually PhD.

### Eligibility

1. Admission to B.ASLP is open to candidates who have passed the 10+2 examination or an equivalent examination conducted by the Pre University Board of Education of the respective State Governments, securing a minimum of 50% marks considered as equivalent thereto by the MGR University.
2. According to the current regulations of the RCI (Rehabilitation Council of India), candidates who have obtained a minimum of 50% (45% for SC/ST) in the PCMB (Physics, Chemistry, Mathematics/ Biology group or combinations thereof), in their II PUC or qualifying examination are eligible for admission, out of which Physics and Chemistry are compulsory. The third subject can be either Biology or Mathematics.
3. According to the RCI's (Rehabilitation Council of

India) current regulations, applicants shall not be older than 25 years on the 1st of July, of the year of admission.

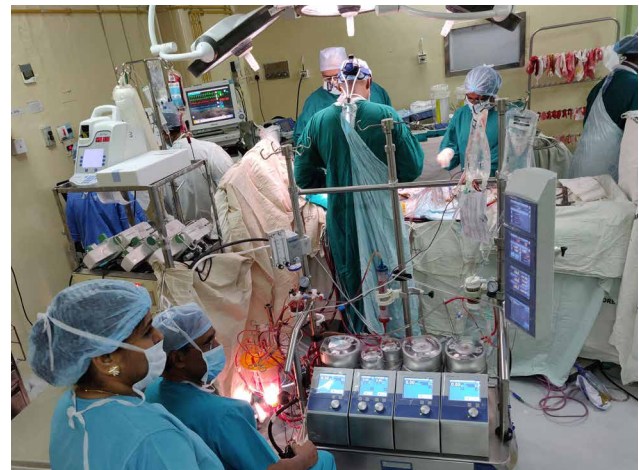
### Duration

Four years (6 semesters plus 1 year internship).

## Bachelor of Science in Cardiac Technology

This course is designed to provide broad-based theoretical knowledge and up-to-date technical training that is relevant to current cardiac clinical practice. The areas in which training is provided include electrocardiography, treadmill stress testing, 24-hour ambulatory ECG monitoring (Holter), 24 hour blood pressure monitoring (Ambulatory BP) and cardiac catheterization laboratory technology and electro physiology. The course includes theory classes, practical "hands on" training and periodic evaluations. Candidates successfully completing the course will be adequately equipped to independently provide technical assistance at any advanced cardiac centre.

## Bachelor of Science in Cardiopulmonary Perfusion Care Technology



A perfusionist is highly skilled medical professional, qualified by academic and clinical education who operates the heart lung machine (extra corporeal circulation equipment) when it is necessary to temporarily replace the patient's circulatory and respiratory function. While operating the heart lung machine during open heart surgery, the perfusionist is responsible for monitoring the altered circulatory process, taking appropriate measures when abnormal situations arise and keeping both the surgeon

and anesthetist fully informed of the patient's condition. The perfusionist is also responsible for the administration of the blood products, anesthetic agents and drugs through the extracorporeal circuit. Perfusionists thus are an integral part of cardiac surgical team and are competent in the management of perfusion related equipment like ECMO(Extra Corporeal Membrane Oxygenation) and IABP(Intra Aortic Balloon Pump). The specialty now encompasses management of critically ill patients on ECMO of whose care, perfusionist are key members. The field of perfusion technology is regarded by many as a very demanding vocation requiring maturity, dedication, integrity, discipline and a mechanical aptitude.

Classes include Anatomy, Physiology, Biochemistry, Pathology, Basics of Microbiology, Principles of Perfusion Technology and later in the course introduction to surgery, sterilization techniques, cardiopulmonary bypass and perfusion technology. Employment opportunities are abundant in India and abroad.

### **Bachelor of Science in Critical Care Technology**

Critical Care Medicine is a field that deals with critically ill patients in intensive care units (ICUs). ICUs admit the sickest patients in the hospital. Saving such patients depends on the quality of work carried out by the specially trained "Critical Care Team", which comprises of doctors, nurses and Critical Care Therapists. Critical Care Therapists, also called respiratory therapists, form an integral part of the Critical Care Team. This field is very rewarding because often patients who are about to die are given another chance at life.

Duties of critical care therapists include direct patient care such as commencing and maintaining patients on various forms of life support including ventilation and cardiovascular support. Patient care also includes teaching and supervising breathing exercises, performing chest physiotherapy, assisting procedures like endotracheal intubation, bronchoscopy, insertion of central and arterial line, cardiopulmonary resuscitation, etc Therapist also are in charge of maintaining advanced equipment used for monitoring and therapy related to critically ill patients such as those used for airway devices bronchoscopes, ventilators, electrocardiogram machines and arterial blood gas machines. These



skilled personnel need to be trained adequately and this three-year course is recognized by the Tamil Nadu Dr MGR Medical University.

The course covers Anatomy, Physiology and Pharmacology related to critically ill patients, with special reference to respiratory and cardiovascular systems. It includes theoretical and practical skills needed to manage patients in ICU with emphasis on equipment and monitoring devices as well as learning about diseases and problems affecting critically ill patients with plenty of "hands-on" experience. Student exposure and rotations include Operation Theatre, pulmonary function laboratory, Bronchoscopy suite, Physiotherapy, in addition to Surgical, Neurological, Medical and Paediatric ICUs. Students are also given opportunities to perform research projects during their course. Job opportunities are plenty as most hospitals have ICUs, requiring critical care therapists who undoubtedly are an integral part of the health care team.

### **Bachelor of Science in Dialysis Technology**



The Bachelor of Science degree course in Dialysis Technology is designed to provide broad based and up to date theoretical and practical technical

training relevant to current dialysis clinical practice. This includes training in haemo-dialysis, peritoneal dialysis, slow low efficiency dialysis and continuous Renal Replacement Therapy, plasmapheresis [including double filtered plasmapheresis] and home dialysis. Candidates are trained in wholesome renal care for patients with chronic kidney disease.

### **Bachelor of Science in Medical Laboratory Technology (BSc MLT)**



Laboratory services are essential for diagnosis and study of various diseases. Laboratory science has been advancing rapidly and CMC has developed appropriate laboratory facilities and Technologist Training Programmes needed. Competent technologists with advanced scientific knowledge and skill are needed in all branches of laboratory technology. In response to this, the Bachelor of Science degree Programme in Medical Laboratory Technology, affiliated to the Tamil Nadu Dr M.G.R. Medical University, Chennai, was started in 1993.

### **Bachelor of Science in Medical Record Science (BMRS)**

Medical Records Science (also called Health Information Science) is an established field, dealing with the management of the documentation of a patient's history and treatment: its systematic collection, storage and timely retrieval, and with its analysis for patient care, research, statistics, policy, finance, medico-legal issues, etc. Medical Records professionals are responsible to work with clinicians, healthcare professionals and administrators to develop, strengthen and maintain systems that enable the above.



The course includes

- Relevant basic sciences, symptoms, pathology and treatment of illnesses, their classification and codification using international classification of diseases
- Systems of scientific documentation, storage, information search and retrieval, manually as well as with the help of computers
- Data collection and statistical analysis to assist in management of hospital operations, research, policy, etc.
- Statutory laws and medico-legal aspects related to patient care and documentation
- The impact of changing trends such as health insurance, telemedicine, data mining, etc.

CMC has a well-established Medical Records department recognized nationally and internationally, offering formal training since 1962 with graduates placed nationally and internationally. The BMRS is a 3 year under-graduate degree course affiliated to the Tamil Dr. MGR Medical University, Chennai, followed by one year of compulsory internship. Service obligation after completing internship is as per institutional policy

With the many changes in healthcare, there are increasing career opportunities such as Medical Record Librarian, Health Information Manager, Quality Control Manager, Clinic Co-ordinator, Coder, Clinical Data Specialist, Patient Information Co-ordinator, Research Data Analyst.

### **Bachelor of Science in Medical Sociology**

Medical Sociology involves studying health and illness behavior and the social structure of systems which deliver health care services. What makes medical sociology important is the critical role social





factors play in determining or influencing the health of individuals, groups, and the larger society. It is a well-recognized field that offers great preparation for graduates in the health-related professions. A bachelor's degree course in Medical sociology can be a stepping stone to various careers, including hospital and health administration and management.

Medical Sociologists are interested in the qualitative experiences of patients, often working at the boundaries of public health, social work, demography and gerontology, to explore phenomena at the intersection of the social and clinical sciences. Persons with a background in medical sociology work in hospitals, nursing homes, or social service agencies, which provide assistance to those with medical problems and disabilities. They are also employed as providers of social support for patients, family intervention specialists, hospice/palliative care workers, personnel specialists, public relations officers, health project managers, coordinators of hospital volunteers and research assistants. The health care industry has recently recognized the importance of posting medical sociologists in hospitals for better health care and they are appointed as Counselors, Medical Sociologists in Hospitals. Graduates of B.Sc. Medical Sociology are eligible to apply for the Masters Degree course in Medical Sociology, M.B.A. in Health Systems Management and Masters in Hospital/Health Administration etc.

#### Duration

3 years followed by one year of compulsory internship in CMC, Vellore PLUS one year service obligation in Minority Network organization if the candidate is recommended to Minority Network, or in the organization identified by CMC if the candidate is open.

## Bachelor of Science in Neuro-Electrophysiology

The Neurology Division of the Department of Neurological Sciences is a state of the art department with the full complement of Adult Neurology, Pediatric Neurology and an all encompassing Neurophysiology laboratory with EEG, EEG Telemetry, NCV/ EMG with Quantitative EMG, SFEMG, Tremorogram, Autonomic laboratory with Finopres and Tilt Table, Transcranial Magnetic Stimulator, Sleep Studies and TCD.



The Adult and Pediatric Neurology units run the DM programme, Postdoctoral Fellowship course in Pediatric Neurology and B.Sc course in Neuro-Electrophysiology. The group works closely with the basic sciences group - Neurochemistry, Neuropathology, Neurophysiology and Neuroradiology. We have a well-equipped Neurocritical care unit with thrombolysis, immunotherapy including PLEX. It is a quaternary referral center for the country, where complex neurological problems are referred for expert opinion and management. We have an Active Stroke Service with genetic testing being offered for young stroke diagnostics, Epilepsy Clinic, Stroke Clinic and Neuromuscular Clinic, which are multidisciplinary clinics, as well as a Neuro-metabolic and Cerebral Palsy Clinic. The new discipline being initiated is Cognitive Neurology and we have a good



Neuropsychology Complement. There is good bed to bench, and bench to bed research and there are grants from the DBT, international clinical trials on stroke rehabilitation and gene therapy in DMD.

### **Bachelor of Science in Nuclear Medicine Technology**

Nuclear Medicine Technology is the medical speciality concerned with the use of small amounts of radioactive material for the diagnosis of various diseases and treatment of a few diseases. Nuclear Medicine scans reveal biological processes that take place at cellular and sub-cellular level and are now accepted as an integral part of molecular imaging. Technologists apply the art and skill of diagnostic imaging and treatment through safe and effective use of radionuclides. They participate in the daily operation of the Nuclear Medicine department under the supervision of Nuclear Medicine physicians.

This training helps in acquiring adequate knowledge and technical skills for the use of sophisticated instrumentation such as gamma cameras, thyroid uptake probes, and PET scanner, dedicated software to generate digital images, and preparation of radio-pharmaceuticals, as applied to investigate a wide variety of disease processes. It also includes maintaining patient records and documents

regarding the amount and type of radio-nuclides that is received, used and discarded.

When preparing radio pharmaceuticals, technologists adhere to safety standards that keep the chance of radiation exposure as low as possible to staff and patients.

The course is designed to enable students to acquire knowledge and skill in Medical Radio Isotope Technology, so that after passing the final examination and completing internship, they can function as qualified technologists in Nuclear Medicine departments.

The course is intended to help students to:

1. Acquire adequate knowledge of the basic medical subjects in the practice of radiography and medical imaging.
2. Develop skill and knowledge of various Nuclear Medicine Imaging and therapy procedures.
3. Acquire knowledge in Radiochemistry, Applied physics, Radiation physics and equipment physics.
4. Develop an attitude of compassion and concern.

### **Bachelor of Occupational Therapy (BOT)**

Occupational therapy (OT) is a patient-centred health profession concerned with promoting health

and well-being through occupations. Occupations include purposeful and meaningful activities that people need to, want to and are expected to do, such as activities of daily living, work, education and social participation. Occupational Therapists (OTs) work with people facing physical, psychological and social challenges, focusing on problem identification and treatment as well as the ways in which those conditions impact a person's life. Interventions can be used to establish a capacity that was not previously present, restore a capacity to the former level, maintain ability for as long as possible or prevent a difficulty from occurring.

Teaching in OT focuses on classroom lectures, supplemented by clinical placements involving direct contact with patients. During the first year, the students gain knowledge in basic sciences like Anatomy and Physiology, in addition to basic concepts related to OT. During the second year they learn about the various conditions causing dysfunction and the respective assessment methods. The third year is aimed at learning OT for various neurological, psychiatric, and paediatric conditions. In the fourth year students learn to demonstrate an understanding of OT in rehabilitation, basics of research and administration related to OT. During internship, interns are required to integrate the knowledge gained over the four years of study into independent assessment and intervention. After gaining the Bachelor of Occupational Therapy Degree, an Occupational therapist can work in hospitals, rehabilitation centres, special or mainstream schools, private clinics, geriatric homes or industries.

### **Bachelor of Sciences in Operation Theatre and Anaesthesia Technology**

The specialty of anaesthesia has advanced tremendously both scientifically and technologically. Increasing complexity of the surgical procedures, expanding patient population ranging from newborn babies to geriatric patients and sophistication of equipment and techniques required to provide anaesthesia demands that the technological assistance required for this field is more specialized. The learning and understanding of anaesthesia technology has to keep pace with the advancement of the science of anaesthesiology.

The operation theatre and anaesthesia technologist assists the anaesthesiologist in the various

procedures required for administering anaesthesia and in setting up the anaesthetic and monitoring equipment in the operation theatre. They are also involved with regular maintenance and upkeep of the anaesthetic equipment and monitoring devices.

The three year course is aimed at giving trainees a comprehensive overview of anatomy, physiology, biochemistry, pharmacology, microbiology, medicine, general nursing principles, sterilization techniques and ethics. They are also exposed to work in the Intensive Care Units, palliative care and emergency rooms. Trainees are taught the basics of anaesthetic management in specialities such as obstetrics, paediatrics, neurosurgery, cardiac, orthopaedic and general surgery and given ample practical experience in all these areas. They are exposed to anaesthesia services outside the regular operating rooms, as in radiology suite, cardiac catheterisation laboratory, endoscopy room, electroconvulsive therapy suite, day care theatre etc. They also undergo training in Basic Life Support, airway management in emergency situations and Cardio- Pulmonary Resuscitation. On successful completion of the course, the trainees will be competent to assist the anaesthesiologists during routine anaesthesia practice and in emergency scenarios.

### **Bachelor of Optometry (B.Optom)**

Eyes add beauty and the vital function of VISION to the human body. The science of Vision (Optometry) deals with the skill to identify vision related problems and the technology to combat it. The magic of vision is often taken for granted, until things go wrong. Optometry is a field that deals with the in-depth study of the eye, vision and diseases that affect the eye.





Optometrists (Vision Scientists) are a crucial part of the eye care network that is currently fighting blindness in the world. From researching solutions to preventing childhood blindness, to high energy laser technology in treating myopia, the optometrist plays a key role.

We aim to produce highly skilled and compassionate optometrists who care about the patients they serve, the communities in which they practice and have a passion for research.

If you have a people friendly sense (this is NOT A LAB BASED profession) with good communication skills, can get along well as a team, have the drive to evolve holistically (curricular and extracurricular) and a dedication to reduce India's current blindness percentage - consider being an Optometrist (Vision Scientist).

A strong believer in HOLISTIC education, the Optometry (Vision Science) programme provides space and time for sports, dance, music, art, religion and intercollegiate optometry contests- on campus and off campus.

This programme and profession DOES NOT INVOLVE NIGHT DUTIES.

On completing the course, you can choose to be a Clinical (patient related) Optometrist, a Vision Research Scientist, teach in a College of Optometry or be a private entrepreneur owning an optical showroom. Options for higher study through Masters, PhD and Post-doctoral positions exist nationally and internationally. The career guidance networking structure provided by the faculty and alumni of the programme will be there

to help you discover your dream.

For more details, please log on to [www.optometrycmcvellore.com](http://www.optometrycmcvellore.com)

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### **Bachelor of Physiotherapy (BPT)**

Physiotherapy is a health care profession concerned with identifying and maximizing quality of life and movement potential within the spheres of promotion, prevention, diagnosis, treatment/ intervention and rehabilitation.

The physiotherapist is trained in the physical procedures required in the rehabilitation of conditions such as hemiplegia, paraplegia, head injury, cerebral palsy, orthopaedic conditions like fractures, joint replacements, sports injuries and in the care of patients admitted in the Intensive Care Unit (ICU) and those who undergo cardiac and lung surgery.

Those who have the passion to better the lives of the 'differently abled' would be ideally suited for this professional training programme. The course comprises of exclusive classroom teaching and demonstration in the first year and clinical teaching in the subsequent years. Learning by doing is given high emphasis.

Subjects like Anatomy, Physiology, Exercise therapy, Electrotherapy, Biomechanics, Manual therapy and Clinical Orthopaedics are an integral part of the curriculum. At the end of the course the student will be equipped with the knowledge and skills in the use of physical agents, as well as principles, to treat and alleviate pain and disability caused by various illnesses.

This is a well-established field in healthcare. Postgraduate Specialization in orthopaedics, paediatrics, neurology, cardiopulmonary, sports, oncology, and community physiotherapy are available in other centres in India and abroad. CMC is also offering the postgraduate degree program in Orthopaedic Physiotherapy. Doctoral programmes in specific topics of interest can also be pursued by students to reach greater heights and set new trends in Rehabilitation.

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### **Bachelor in Prosthetics & Orthotics (BPO)**

*(Recognized by the Rehabilitation Council of India, RCI, New Delhi)*

Bachelor in Prosthetics & Orthotics course offers training in the field of rehabilitation of locomotor



disability, by the making of Prostheses and Orthoses for persons with disability. This evidence based theory and practical, hands-on course helps students to understand the human body and design appliances with theoretical knowledge of biomechanics, materials and engineering principles.

It also includes prescription, design, fabrication, fitting and alignment of all Orthopaedic devices. The practical sessions include clinical examination and evaluation of patients as part of the rehabilitation team, in order to assess, prescribe, fabricate, check and follow up appropriate devices.

An examination will be conducted at the end of each year, both in theory and practical. The qualified P&O professional plays a major role in the rehabilitation of persons with disability, and in making clinical decisions. The other aspects include management & supervision, training and teaching, community services etc.

Once qualified, a prosthetist or an orthotist can work in collaboration with other healthcare professionals to provide a holistic service to address issues such as polio, amputation, rheumatoid arthritis, cerebral palsy, diabetes, stroke, traumatic brain injury, spinal cord lesions, congenital malformations etc. After successful completion of the course, the candidate will be eligible to work in hospitals, rehabilitation centres or institutes, trauma centres and various private companies in India and abroad. Avenues for higher studies & research in the area of Prosthetics and Orthotics are available.

**Lateral entry** directly into 3rd year is only for

diploma holders in Prosthetics & Orthotics from RCI recognized institutes, with minimum of 3 years work experience after the completion of Diploma in Prosthetics & Orthotics.

### Bachelor of Science in Radiography & Imaging Technology

This course is offered by the Department of Radiology, under the auspices of The Tamil Nadu Dr MGR Medical University. All modalities in Radiology are covered in a schedule over 3 years, with assessments every year. Classes are taken by dedicated teachers according to a schedule (radiographers, radiologists, physicists, sometimes doctors of other specialties). The department currently has 107 doctors and 113 radiographers.

Each student is posted for an adequate time period in all modalities. While being posted in plain X-ray, Barium and Intravenous Urography rooms, the student is taught and supervised by staff and allowed to independently use the machines when he/she is ready to handle the same. In the CT scan and MRI rooms, adequate exposure is given, as these are crucial tests being done in investigating difficult problems. The DSA machine (which helps in studying blood vessels and various ducts) is also handled by the staff students, who are exposed to state of the art equipment.

The students have common anatomy, physiology and ethics theory classes with other paramedical students. During internship, students are encouraged to perform investigations under supervision.

At the end of this course, job opportunities are available for students in India as well as abroad. Being an important area in diagnosis and decision making, an individual who has done this course would have flexibility in a well equipped department. For further training, it is possible for the student to apply for a Masters programme in other institutions.

Our department, in addition to Digital Radiography and Computed Radiography, has the Picture Archiving & Computerised System by which all investigations are immediately available on computers for doctors to see across the hospital. We have 15 ultrasound and Doppler machines, 3 CT machines and 4 MRI machines (three 1.5T and one 3T).

Students benefit from doing the course in our institution as there is a large volume of work in all



areas and exposure to all kind of imaging modalities, being done with excellent supervision.

### **Bachelor of Science in Radiotherapy Technology**

Radiation Therapy is the medical use of ionizing radiation, generally as part of cancer treatment, to destroy the tumour cells and spare the normal tissues. High-energy x-rays and gamma rays generated from sophisticated equipment such as Medical Linear Accelerators, Telecobalt and Highdose rate Brachytherapy remote after-loading machines are used to treat cancer patients by various radiotherapy techniques such as Intensity Modulated Radiotherapy (IMRT), Three dimensional conformal radiotherapy (3DCRT), Stereotactic Radiosurgery, Brachytherapy and many other special techniques.

During this course, students will learn about human anatomy and physiology, various types of cancers, patient care, radiographic techniques and different radiotherapy treatment techniques in addition to basic radiation physics and the physics and technology of radiotherapy equipment. This course also provides invaluable practical experience which includes hands-on use of the radiotherapy equipment mentioned above. Students interact

closely with the team of radiographers, radiation oncologists, medical physicists and nurses which immensely helps in enhancing practical knowledge, skill and expertise.

### **Bachelor of Science in Respiratory Therapy**

Respiratory therapists specialize in the evaluation, treatment, education and rehabilitation of patients with respiratory diseases. They play an important role in the team that provides respiratory care under the supervision of a physician. The strength of respiratory therapists lies in the use of evidencebased clinical practice guidelines, allowing them to develop, recommend and implement effective care plans. In collaboration with physicians they can develop disease-based clinical pathways, and disease management programmes. They enhance the quality of the clinical work in the outpatient area, the pulmonary medicine wards, the Pulmonary Function Lab, the Sleep lab and the Bronchoscopy suite. They acquire the skills to supervise and help the patients with problems relating to the use of various inhaler devices and various respiratory therapy procedures. They help in the management of chronic diseases such as COPD, Bronchiectasis, Interstitial Lung Disease, Sleep Apnoea, Asthma and allergies and would be familiar with Bronchial



Hygiene Therapy and Pulmonary Rehabilitation. They gain the ability to work with respiratory equipments such as oxygen concentrators, mechanical ventilators, pulse oximeters and cardiac monitors. Part of their training is in the Intensive Care Unit (ICU) where they learn to help in the management of patients on ventilators. They become conversant with all kinds of basic and advanced lung function testing including Spirometry, measurement of lung Volumes, Diffusing capacity, Body Plethysmography, Bronchoprovocation testing, Cardio Pulmonary exercise testing and Allergen Skin Testing. They learn to perform sleep studies and assist in diagnostic and therapeutic bronchoscopic and thoracoscopic procedures. They also become trained in patient education with regard to respiratory diseases.

The need for respiratory therapists is growing due to a large increase in respiratory diseases. This training would equip trainees to fit in to various hospitals under the supervision of a general or chest physician. They could work in pulmonary function labs, bronchoscopy and thoracoscopy suites, sleep labs and ICUs. Respiratory therapists are versatile members of the health care delivery system.

## Bachelor of Business Administration (BBA) – Hospital Administration

*“Programme jointly managed by Auxilium College (autonomous) and CMC Vellore, degree awarded by Thiruvalluvar University”*

Bachelor of Business Administration (Hospital Administration) is a 3 year full time course offered by Auxilium College, Vellore, with assistance from the Department of Hospital Management Studies & Staff Training and Development, CMC, Vellore, with the degree awarded by Thiruvalluvar University, Vellore.

This course is intended exclusively for young women wanting to pursue careers dealing with operation and administration of healthcare setups. This degree prepares students to manage finances, human resources, and daily operations of hospitals, clinics, nursing homes, and other related organizations.

Classes will be handled by faculty from both Auxilium College & CMC (former & present staff) for hospital and health system related subjects, with the advantage of integrating theory and practical knowledge. To get a better exposure to hospital setups, this course consist of 3 months internship, during which students will be posted at various hospitals in Vellore and its surroundings, to acquire hands-on experience.

The students after finishing this course, could be recruited in hospitals, or pursue a post graduate degree in any field of hospital and health systems management.

**Student intake:** 70 per year

**Eligibility criteria:** 10+2 passed from a recognized board. Currently applicable only for women candidates.

**Duration:** three years

**Admission:** Admission shall be handled by Auxilium College. Application shall be obtained from Auxilium College. Selection of candidates through management activity and personal interviews which will be held at Auxilium College, with panel members from both institutes (CMC, Vellore and Auxilium College).

### 4.3 DIPLOMA COURSES

The table below gives the list of AHS Diploma courses offered, distribution of seats & duration of the courses. Please check the relevant admission bulletin on the CMC website for up to date information.

| Name of the course   | No. of seats  |   |       | Duration        |            |
|--|---------------|---|-------|-----------------|------------|
|  | Open category | Minority Network category & CMC Vellore Staff Quota | Total | Course duration | Internship |
| Diploma in Anaesthesia Technology <sup>#</sup> (Affiliated to CMAI)                                    | 4             | 11  | 15    | 2 yrs           | 1 year     |
| Diploma in Dermatology Laboratory Technology <sup>@</sup> (Affiliated to CMAI)                         | 1             | 1   | 2     | 1 yr            | -          |
| Diploma in Hand and Leprosy Physiotherapy Technology <sup>#</sup> (Council of CMC Vellore Association) | 3             | 3   | 6     | 2 yrs           | 6 months   |
| Diploma in Hospital Equipment Maintenance* (Council of CMC Vellore Association)                        | 2             | 2   | 4     | 1 yr            | 6 months   |
| Diploma in Radiodiagnosis Technology (MRT) <sup>#</sup> (Affiliated to CMAI)                           | 1             | 5   | 6     | 2 yrs           | -          |
| Diploma in Optometry <sup>#</sup> (Council of CMC Vellore Association)/ CMAI                           | 3             | 3   | 6     | 2 yrs           | -          |
| Diploma in Hospital Sterilization Technology (Affiliated to CMAI) <sup>#</sup>                         | 4             | 4   | 8     | 1.5 yrs         | 6 months   |
| Diploma in Urology Technology <sup>#</sup> (Affiliated to CMAI)  | 1             | 1   | 2     | 2 yrs           | -          |
| Diploma in Anaesthesia Technology (Chittoor Campus) <sup>#</sup> (Affiliated to CMAI)                  | 2             | 2   | 4     | 2 yrs           | 1 year     |
| Diploma in Hospital Sterilization Technology (Chittoor Campus) <sup>#</sup> (Affiliated to CMAI)       | 1             | 1   | 2     | 1.5 yrs         | 6 months   |
| Diploma in Medical Laboratory Technology (Chittoor Campus) <sup>#</sup> (Affiliated to CMAI)           | 2             | 2   | 4     | 2 yrs           | 1 year     |
| Diploma in Optometry (Chittoor Campus) <sup>#</sup> (Affiliated to CMAI)                               | 2             | 2   |       | 2 yrs           | -          |

<sup>#</sup> Entrance Test – Science based paper

<sup>@</sup> Eligibility – Diploma in MLT \*Eligibility-Diploma in Engineering; Entrance Test - Speciality paper

These courses are affiliated with the appropriate national and regulatory bodies specifically mentioned under each course. All admissions are provisional pending approval by the regulatory bodies. Approximate fee structures are given in the Annexure.

#### Diploma in Anaesthesia Technology

(Awarded by the Christian Medical Association of India)

In the recent years, with the evolution of science and technology, more and more complex surgical procedures are being performed on sicker patients. This necessitates the need for specialized anaesthetic skills and monitoring in the perioperative period, for better postoperative outcomes. Anaesthesiologists require trained help to assist them in the process of providing adequate anaesthetic care in the perioperative period. The anaesthesia technician assists them in various aspects of perioperative care, such as setting up the anaesthesia equipment,

monitoring equipment and assisting in various procedures required for anaesthesia, both inside the theatre and in remote locations such as radiology suites and the cardiac catheterisation laboratory, where anaesthesia services are required.

The course covers basic anatomy, physiology, pharmacology, microbiology, general nursing principles, sterile techniques and basics of anaesthetic management over a period of two years and includes one year of internship. Students are taught about the maintenance of anaesthesia machines and monitoring equipment. They are trained in Basic Life Support, CPR and assisting in emergency situations. On completion of the course,





they will be able to support the anaesthesiologist and facilitate better perioperative care for patients, assisting the anaesthesiologist during routine anaesthesia practice as well as emergency scenarios.

**Eligibility:** Pass at 10+2 level in English, Physics, Chemistry and Biology

### Diploma in Dermatology Laboratory Technology

*(Awarded by the Christian Medical Association of India)*

The Department of Dermatology, Venereology and Leprosy has introduced the 1 year Diploma in Dermatology Laboratory Technology course which is specially designed to give additional knowledge and skills in tests pertaining to Dermatology, Venereology and Leprosy to those who have done a diploma in Medical Laboratory Technology. This will equip them to strengthen laboratory services in Mission hospitals and other centres with Dermatology services.

We do an average of 18,000 laboratory tests per year. The course provides training in Dermatology, Venereology and Leprosy laboratory techniques and tests, which will also give proficiency in performing and reading slit skin smears to detect *M. Leprae* and *Leishmania*. The principles of sterilization, care of microscopes and instrumentation are reiterated. The students are also posted in Microbiology, Clinical and General Pathology departments of CMC and SLRTC, Karigiri, to gain additional skills. They will also get hands on training on preparation of media and stains in microbiology department and to perform culture tests in mycology lab. They will have postings in Parasitology and Virology laboratories and will be trained to do tests to detect

parasites and rapid tests in HIV respectively. The Dermatology faculty of CMC are involved in their training and evaluation. The fee structure will be as per CMAI guidelines.

**Eligibility:** Pass at 10+2 level in English, Physics, Chemistry and Biology. In-service candidates are also eligible.

### Diploma in Hand and Leprosy Physiotherapy Technology

*(Awarded by the Christian Medical College Vellore Association)*

In India there is an ever increasing need for specialized care with hand therapy for mutilated injuries of the hand, neglected burns, nerve injuries, infection, stiffness, leprosy, arthritic conditions, brachial plexus injuries and birth palsies in children. All these conditions require accurate pre and post-operative assessment and devoted after-care by technical personnel whether treated by conservative or surgical methods. The need for Hand Therapy and Leprosy physiotherapy technical staff, to become part of the Hand Care Team is a growing demand.



Hand Care was pioneered in Vellore by the legendary Dr. Paul Wilson Brand. Many technical staff who have passed out after their training in CMC Vellore are working at other private & public health centres all over India. The Dr. Paul Brand Centre for Hand Surgery, Leprosy Reconstructive Surgery and Peripheral Nerve Surgery (HLRS) nurtures, educates and inculcate the science and art of Hand and Leprosy physiotherapy and other peripheral nerve physiotherapy to students

aspiring to rehabilitate the hands of individuals in all sections of the community. Basic instruction and extensive practical training in therapy techniques of hands and feet is given for 4 semesters.

Training in Basic Sociology, Basic Health Psychology, Essential Leprosy (Dermatology), Basic & Regional Anatomy, Basic Physiology, Microbiology, Pathology, Basic Surgical Aspects, Wound & Tissue Healing in Hand, Basic Surgical Nursing, Ophthalmology related to Leprosy, Physiotherapy principles and Hand Rehabilitation, Clinical Orthopaedic and Clinical Neurology centered on the hand, is imparted.

The students on completion of this course should be able to work in institutions in centres where patients with hand and peripheral nerve problems are treated, and where Orthopaedic departments are available. As technical personnel they will be equipped to work in hospitals under the direct supervision of doctors or physiotherapists.

**Eligibility:** Pass at 10+2 level in English, Physics, Chemistry and Biology

### Diploma in Hospital Equipment Maintenance

*(Awarded by the Christian Medical College Vellore Association)*

This Course is run by the Engineering Departments of CMC, namely, Bio Medical Engineering, Electrical Engineering, Mechanical Engineering, and Air Conditioning and Refrigeration Engineering. This is a one year course, followed by 6 months of apprenticeship.

As CMCH is a large multispecialty, tertiary care hospital, with a variety of machinery and infrastructure in the field of Engineering. The students get a very good exposure in this field. When the basic engineering knowledge is complemented by work exposure and actual life experiences, it gives the students an edge to be upgraded in their qualification.

This training is an opportunity for the students to see much of the theory which they have learned utilised in practical application. This will empower them in the field of Hospital Engineering as well as other Engineering fields. Basic theory is taught, along with practical sessions.

**Eligibility:** Diploma in any of the engineering disciplines of Electrical, Mechanical, Electronics or Biomedical

Engineering. Work experience is an added advantage for better understanding.

### Diploma in Medical Radiation Technology (Radiodiagnosis)

*(Awarded by the Christian Medical Association of India)*



Diagnostic and interventional radiology plays a very vital role in patient care in any modern hospital. This two-year Diploma course trains a person to be a Radiologic Technologist, who is an Allied Health medical professional, with previous students having obtained good positions around the world. This course has been started in the year 1954 recognised by Christian Medical Association of India (CMAI). For further training, it is possible for the student to apply for a Bachelor via lateral entry, in the Tamil Nadu Dr. MGR Medical University, Chennai.

This course is designed to impart training and practical experience in taking x-rays (radiographs) of the human body using basic x-ray equipments and other special modalities such as CT and MRI. The Department of Radiodiagnosis in CMC is well equipped with advanced imaging modalities and a fully fledged Picture Archival and Communication System. The radiology images in the hospital are stored and distributed digitally using computer networks (filmless radiology).

The department is well equipped with state of the art equipment ranging from basic digital radiography units to sophisticated CT, MRI and angiography suites. The students are posted and trained to operate all these equipment, with classes taken by dedicated teachers (radiographers, radiologists, physicists, sometimes doctors of other specialties). The department has 113 radiographers,

107 radiologists and 42 student radiographers.

**Eligibility:** Pass at 10+2 level in English, Physics, Chemistry and Biology or Botany/Zoology

### Diploma in Optometry & (Ophthalmic Technology\*)

*(Awarded by the CMC Vellore Association/\*Christian Medical Association of India)*



Optometry is a branch of Vision Science that deals with the study of the eye and its optics & function. Students are trained at the department of Ophthalmology in the field of vision science, in the study and diagnosis of various types of refractive errors and eye diseases. The course includes hands-on training in specialties like contact lenses, low vision aids, ophthalmic instruments and assisting an ophthalmologist. Opportunities following the completion of the course include being an Optometrist, Clinical Assistant, employment in Eye Hospitals and setting up own Optical Showrooms. There are opportunities to do Bachelors, Masters and PhD programmes as well.

**Eligibility for Diploma in Optometry and Ophthalmic Technology (awarded by CMAI):** Pass at 10+2 level or its equivalent, with 50% aggregate in English, Physics, Chemistry and Biology.

Please check Table 4.3 for available seats

### Diploma in Hospital Sterilisation Technology

*(Awarded by the Christian Medical College Vellore Association)*

All hospitals, nursing homes and clinics providing diagnostic, therapeutic and surgical services require sterile instruments, articles and materials. The provision of sterile supplies is a comprehensive process involving cleaning, inspecting, packing,

appropriate sterilization, safe storage and timely supply and is carried out by a Central Sterile Supply Department (CSSD), staffed by technicians trained to carry out these activities. This course aims to provide the knowledge and practical training required for a Hospital Sterilization Technician capable of running a central sterile supply or operation theatre sterile supply service.

Keeping in mind the above objective, the syllabus of this two-year course, divided into four semesters, consists of lectures and practical hands-on training in sterilization techniques. The final semester teaches workplace safety, legal and ethical issues, regulatory requirements, protocols and other administrative skills to complement the theoretical and practical knowledge required to function as a competent sterilization technician. Examinations, both theory and practical, will be conducted at the end of each year. A six-month internship will provide exposure to work in smaller setups as well. Research during the course is encouraged.

After completion of the diploma in Hospital Sterilization Technology, it is expected that the candidate will be suitable for employment in a central sterile supply department or a theatre sterile supply unit, in health care organisations in India and overseas. The diploma is awarded by the Christian Medical College Vellore Association.

**Eligibility:** Pass at (10+2) level in science with Physics, Chemistry, and Biology or Botany/Zoology.

Please check Table 4.3 for available seats

### Diploma in Urology Technology

*(Awarded by the Christian Medical Association of India)*

Urology Technology Course is a two year programme at Christian Medical College under the auspices of Christian Medical Association of India. The objectives of the course are to acquire knowledge of basic human biology relevant to urology, and to acquire skills related to technical aspects of the functioning and maintenance of instruments & equipments used in Urology. Students gain skills related to assisting urological procedures in the operation theatre and clinic. The subjects taught in the first year are Anatomy, Physiology and Biochemistry, Pathology, Pharmacology, Microbiology and sterilization techniques, Nutrition, Ethical and Legal practice, patient care & hospital practice. The subjects taught in the second year are Urology technology -

common urological procedures, common urological presentations, Physics, Genetics, medical electronics, allied specialties and office administration. At the end of two years, an examination is held for the Diploma in Urology Technology.

**Eligibility:** Pass at (10+2) level in science with English, Physics, Chemistry, and Biology or Botany/Zoology with a minimum aggregate of 50%.

**The following courses, affiliated to CMAI, are conducted by Christian Medical College at the Chittoor Campus:**

### Diploma in Anaesthesia Technology (Chittoor Campus)

Recent advances in critical care medicine have enabled major surgeries to be performed on very sick patients. These surgeries require skilled anaesthesia and postoperative care. It has now been recognized that anaesthesiologists require trained help to handle these procedures. In recognition of this, the Indian Society of Anaesthetists plan to implement "minimum standards for patient care," which makes it mandatory for an anaesthetist to have a skilled assistant for at least the start and end of every anaesthetic procedure.

The course will cover basic Anatomy, Physiology and Pharmacology especially with respect to air way management and relevant medication. An introduction to sterile techniques, management of emergency situations including cardiopulmonary resuscitation and understanding of equipment used in the operation room will be an essential part of the course. The Chittoor campus has state of the art operation theatres and senior consultants in charge.

All students will undergo one year compulsory internship.

#### Location

Most of the training will be held in Chittoor, with a few in the Vellore campus. Only limited accommodation is available, exclusively for outstation students. Institutional transport is available between the Vellore hospital campus and Chittoor campus.

**Eligibility for diploma courses (CMC Vellore's Chittoor campus):** Pass in 10 +2 examinations or its equivalent in Science Stream (PCB). Minimum marks obtained should have been at least 40% aggregate (35% for SC/ST). A good knowledge of English is essential.

### Diploma in Medical Laboratory Technology (Chittoor Campus)

Laboratory Technology is a health profession which deals with the identification, treatment and prevention of diseases with the help of clinical laboratory tests. These professionals assist doctors, scientists and research specialists in diagnosing diseases, thereby providing effective treatment for patients. About 70% of medical decisions are based on laboratory reports for which having a well trained professional in a good laboratory setup, is of utmost importance.

A Medical Laboratory Technologist will be required to work with a number of Automated Analysers and manual machines, which require a high level of skill and expertise.

The DMLT is approved by CMAI (Christian Medical Association of India) and is one of its leading courses. This course, started by CMAI in 1927, was the first medical technicians' course conducted in India. On completion of this diploma course, many universities offer an opportunity to do the BSc course in two years, by lateral entry.

The laboratory on the Chittoor campus has equipment which classifies it as one of the best in southern Andhra Pradesh.

The programme aims at achieving the following objectives:

- To provide skill - oriented training to students and thus create skilled professionals who will be able to manage and work in a variety of medical laboratory settings.
- To understand the importance of providing reliable laboratory service to enable the medical team to provide effective quality care at minimal cost. All students will undergo one year of compulsory internship. The Diploma Certificate will only be issued after the completion of the internship.

#### 4.4. POST GRADUATE DIPLOMA & FELLOWSHIP COURSES

| Course Name  | Eligibility  | Type of paper         | Duration                        | No. of seats |
|--|--|-----------------------|---------------------------------|--------------|
| PG Dip in Assisted Reproductive Technology                       | BSc with Zoology/Biochemistry/ Microbiology / Medical Laboratory Technology. Age not more than 30 years.   | Science               | 1.5 years+ 6 months internship  | 1            |
| PG Dip in Cardiac Technology                                     | BSc with English and any Science subject as main subject.  | Science               | 2 years + 1 year internship     | 4            |
| PG Dip in Clinical Pastoral Counselling                          | BTh or BD Degree of Serampore University or its recognised equivalent OR any degree (eg. B.A. or B.Sc. or B.Com or BBA) with three years of involvement in some form of lay ministry of the Church. No age limit.                            | Specialty-counselling | 1 year                          | 5            |
| PG Dip in Community Health Management                            | Bachelor's Degree in any discipline or direct Masters in any discipline through a recognised University  | Non-science           | 1 year                          | 4            |
| PG Dip in Cytogenetics   | BSc with 1st class In Physics/Chemistry/Botany/ Zoology/ Biochemistry/Microbiology/Biotechnology or BSc MLT.   | Science               | 2 years                         | 2            |
| PG Dip in Dietetics  | BSc Home Science or BSc in Nutrition and Dietetics   | Specialty-Dietetics   | 1 year + 6 months internship    | 4            |
| PG Dip in Genetic Diagnosis Tech.                                | BSc with 1st class In Botany/Zoology/Biotechnology/ Biochemistry/ Microbiology   | Science               | 2 years                         | 2            |
| PG Dip in Health Economics, Policy & Financial Management        | Bachelor's Degree or a direct Masters in any discipline, from any recognised University.   | Non-science           | 1 year                          | 4            |
| PG Dip in Histo-pathological Lab. Technology                     | Pass with minimum 50% marks in BSc MLT, BSc with Biology or Botany/Zoology or Biochemistry or Microbiology as main subject; or BSc Physics or Chemistry as main, with Botany or Zoology as ancillary   | Science               | 1 year + 1 year internship      | 2            |
| PG Dip in Hospital Administration                                | Bachelor's Degree in any discipline, from a recognised University.   | Non-science           | 11 months + 5 months internship | 15           |
| PG Dip in Medical Microbiology                                   | BSc with English as the medium of instruction and Biology (Botany/ Zoology) as main subject, BSc MLT, BSc Microbiology as main or ancillary subject, from a recognised University. Students who have a post- graduate degree need not apply. | Science               | 1.5 years + 6 months internship | 6            |
| Fellowship in Antimicrobial Stewardship for Clinical Pharmacists | Pharm D (Doctor of Pharmacy)   | Specialty             | 1 year                          | 2            |
| Fellowship in Hospital Chaplaincy                                | Theologically qualified and ordained pastors   | Interview             | 1 year                          | 3            |

*Awarded by the Christian Medical College Vellore Association*

These courses are affiliated with appropriate national and regulatory bodies specifically mentioned under each course. All admissions are provisional pending approval by the regulatory bodies. Some of these are affiliated to Universities and the Christian Medical Association of India, but many of the PG diplomas are awarded by the Christian Medical College, Vellore Association. Approximate fee structures are given in Annexure I.

## PG Diploma in Assisted Reproductive Technology

Infertility treatment has been rapidly evolving. The Department of Reproductive Medicine in CMC hospital, Vellore offers services in all aspects of assisted reproduction. Assisted reproductive technology (ART) collectively refers to the various laboratory procedures performed in the treatment of the infertile couple. This includes handling of human oocytes (eggs), sperm and embryos. The laboratory plays a central role in a reproductive medicine unit. The services provided include semen analysis, preparation and cryo-preservation techniques together with In-Vitro Fertilization (IVF) techniques, such as oocyte insemination, embryo culture, Intra- Cytoplasmic Sperm Injection (ICSI), blastocyst culture & transfer, embryo cryopreservation and laser assisted hatching.



This two year PG Diploma in ART aims to train the candidate in laboratory services required for diagnosis and treatment of infertile couples. Candidates will be encouraged to develop skills and also learn theoretical aspects of the subject. An understanding of the ethical aspects of IVF technology will be part of programme. Internal assessment will be made at the end of the first year and exit exam will be conducted at 1½ years' time.

**Eligibility:** BSc with Zoology/Biochemistry/Microbiology/**Medical Laboratory Technology. Age not more than 30 years.**

**Duration:** 1.5 years+ 6 months internship

## PG Diploma in Cardiac Technology

*(Awarded by the Christian Medical College Vellore Association)*



This course is designed to provide broad-based and up-to-date technical training that is relevant to current cardiac clinical practice. The areas in which training is provided include electrocardiography, treadmill stress testing, 24-hour ambulatory ECG monitoring (Holter), cardiac catheterization laboratory technology and electrophysiology. The course includes theory classes, practical "hands on" training and periodic evaluations. Candidates successfully completing the course will be adequately equipped to independently provide technical assistance at any advanced cardiac centre.

**Eligibility:** BSc with English and any Science subject as main subject.

**Duration:** 2 years followed by 1 year of internship

## PG Diploma in Clinical Pastoral Counselling

*(Affiliated to the Serampore University)*

This Programme is intended to:

- Provide an understanding of healing and wholeness from a Christian perspective
- Provide an awareness of and sensitivity to the various areas of need for healing
- Provide an inter-disciplinary approach in dealing with issues in healing
- Impart skills in Pastoral care and counselling
- Enable the development of attitudes and sensitivity to relate oneself to those in need

- Develop and enhance the inner strength and potential required for personal growth
- Help recognise and utilize spiritual resources
- Help understand the Biblical vision of the Church as the Healing Community and thereby enter creatively the Healing Ministry of the Church
- Emphasize the centrality of Christ while being sensitive to the religious plurality and spiritual traditions of India.

**Eligibility:** BTh or BD Degree of Serampore University or its recognised equivalent or any degree (eg. B.A. or B.Sc. or B.Com or BBA) with three years of involvement in some form of lay ministry of the Church.

**Duration:** 1 year

### PG Diploma in Community Health Management (PGDCHM)

*(Awarded by the Christian Medical College Vellore Association)*



The PGDCHM is a one-year, well designed, carefully planned, practical-oriented training, aimed at developing individuals interested / involved in managing health and development projects. This course is in response to the need and demand for competent and committed personnel in health management, with the attitude, aptitude, knowledge, skills and experience in the areas of Applied Sociology, Health and Nutrition, Personal Growth and Development, Social Research Methods, Participatory Planning and Management, Community Management, Organizational Development and Communication Management.

An integral part of the course is the field study, elective and practicum, providing an opportunity for

effective self-directed learning and improving one's own personality. This experience equips the students with skills to bring about planned changes in the community through conducting population based studies, implementing intervention programmes and evaluating their outcomes. A wide variety of training methodologies including group-work, discussions, field-visits, exercises, games, videos, lectures, placements etc., make the course participatory, interesting and meaningful. Those who have completed this course in the past are well placed in different levels of management in NGOs, Government and National / International Funding Agencies. The PGDCHM course is intended to prepare team leaders for integrated health and development projects, planners in health care industries, effective trainers in health NGOs, human resource development, rehabilitation, health and development projects and execution of research projects.

**Eligibility:** Bachelor's degree or a direct Masters in any discipline from any recognized University. Ability to handle English as a medium of learning.

**Duration:** 1 year

### PG Diploma in Cytogenetics

*(Awarded by the Christian Medical College Vellore Association)*

The two-year diploma in cytogenetic technology is awarded by the Christian Medical College, Vellore. This is an in-service training programme for candidates who have completed B.Sc. in biochemistry, biotechnology, botany, chemistry, genetics, medical laboratory technology, microbiology or zoology with a first class. Ability to understand English is essential.

Cytogenetics is the study of chromosomes. Abnormalities of chromosomes may be seen in a variety of disorders, including intellectual disability, delayed or abnormal development, disordered sexual development, infertility, recurrent abortions, and leukemia and other cancers. Chromosomal analysis is helpful to make an accurate diagnosis, predict outcome and plan treatment. It can also be used for prenatal diagnosis of some diseases.

Using supervised bench training and lectures, this programme aims to train cytogenetic technologists to:

- Identify normal and abnormal chromosomes using a microscope, computer and software relevant for chromosomal analysis.

- Obtain chromosomes from blood, bone marrow, amniotic fluid and solid tissues, including chorionic villus, products of conception, tumours and skin.
- Prepare reagents, use and maintain equipment required for cytogenetic analysis.
- Use appropriate cytogenomic terminology as per current international guidelines.

They are also exposed to fluorescence in situ hybridization (FISH) analysis which is used to detect specific changes in DNA, and the steps involved in basic molecular and genomic techniques such as DNA extraction and polymerase chain reaction (PCR).

There is an increasing awareness of the usefulness of cytogenomic analysis in medical practice. However, there are relatively few people with such skills. Candidates who completed the course successfully have been employed in cytogenomic, cell culture and molecular genetics laboratories in India, as well as overseas.

**Eligibility:** BSc with 1st class in Chemistry / Botany / Zoology / Biochemistry / Microbiology / Biotechnology or Medical Laboratory Technology.

**Duration:** 2 years

### PG Diploma in Dietetics

*(Awarded by the Christian Medical College Vellore Association)*

Dietetics is an applied health science which involves translating the sciences of nutrition and food to promote good health. In short, it is Nutrition, Food & Health! Dieticians are highly valued healthcare professionals. They assist individuals and families in choosing nutritious food in health or disease, supervise preparation and service of food in groups, develop modified diets and participate in nutrition research.

The Department of Dietetics at Christian Medical College is a clinical support department which offers food service to patients. Diet counselling is given for all patients, both hospitalized as well as outpatients, who require medical nutrition therapy. Teaching nursing students, as well as other health care team members in nutrition and dietetics is a core function. The department is actively engaged in collaborative research, public awareness and nutrition programmes. It is recognized by the Indian Dietetic Association for a six month registered dietician internship training programme for candidates who aspire to become registered dieticians.



P.G. Diploma in Dietetics Course is a one year inservice training programme followed by six months of compulsory internship. The focus is on practical aspects, hands on experience and exposure to real life situations. Emphasis is placed on clinical dietetics and management of food service in hospitals. The course inculcates in students the art and science of medical nutrition therapy, fundamentals of organization and management of food service in hospitals.

**Employment opportunities:** Graduates can work as clinical dieticians in hospitals or dieticians in health centres, schools, multinational companies, corporates, star hotels, factories, sports and health clubs; as clinical nutritionists in nutraceutical companies and as research dieticians in government and non-government institutes. They may also work as private diet consultants after clearing the Registered Dietician board examination conducted by the Indian Dietetic Association.

**Eligibility:** BSc Home Science/ BSc in Nutrition and Dietetics

**Duration:** 1 year + 6 months internship

### PG Diploma in Genetic Diagnosis Technology

*(Awarded by the Christian Medical College Vellore Association)*

This course was started in 2008 by the Department of Haematology. This course is designed for graduates of life sciences who wish to learn more about techniques used in molecular and cell biology laboratories. This course equips a science graduate with the necessary skills to function independently





in a molecular biology laboratory.

The programme has didactic lectures but also concentrates on hands on learning of a range of molecular biology techniques. This includes DNA and RNA extraction, polymerase chain reaction (PCR), gelelectrophoresis, restriction fragment length polymorphisms, various techniques involved in screening for mutations, reverse transcriptase PCR, quantitative PCR and DNA sequencing. Students learn about cell culture techniques, microscopy and imaging. They are also involved in learning about flow cytometry for blood samples for cancers and stem cells.

While the first year is used for learning these techniques, in the second year they will be able to perform these techniques on their own so as to understand their principles better and become confident with independent functioning in a supervised environment.

Apart from this, the students are also expected to attend departmental seminars and make presentations during these sessions.

**Eligibility:** BSc with 1st class in Botany / Zoology / Biochemistry / Microbiology / Biotechnology

**Duration:** 2 years

### **PG Diploma in Health Economics, Policy & Financial Management (HEPFM)**

*(Awarded by the Christian Medical College Vellore Association)*

This course is offered to medical faculty interested in finance management, accountants, superintendents/hospital administrators, healthcare students with an

interest in health economics and economic researchers (students, teachers or research scholars). It aims to introduce basic conceptual tools and theory of health economics and application in day-to-day health care operations and policy analysis. It helps make cost effective, scientific and evidence based choices in health care, using health economics for financial governance in private NGO and the public sector. It also equips health professionals to face changing needs of health care management involving the economics of health care insurance. Candidates learn to make choices based on economic analysis of health care interventions e.g. cost effectiveness, cost benefit analysis, etc. Basis of financing and healthcare, principles of accounting, financial management and research designs are covered.

Various departments of CMC are involved in teaching, e.g. accounts department, CHAD, RUHSA and Hospital Management Studies & Staff Training departments. The course involves a series of projects, involving the skill and application of the chosen specialty. The department where the projects are done mentor the candidates in primary, secondary or tertiary care settings. Students need to have an aptitude for quantitative skills, interest in taking financial decisions, ability to make decisions on investments, as well as communication and leadership skills.

In the area of globalization and insurance, economics and finance will play a major role in the development of hospitals within the public and private sectors. The health sector's demand for financial analysts and economists is expected to increase. Many mission hospitals need experienced finance managers. These opportunities are expected to increase in the future.

**Eligibility:** Bachelor's Degree or a direct Masters in any discipline, from any recognised University.

**Duration:** 1 year

### **PG Diploma in Histopathological Laboratory Technology**

*(Awarded by the Christian Medical Association of India)*

This is a one year course intended to train students in processing tissues and staining of sections for microscopic examination, autopsy techniques and preservation and mounting of specimens for display in pathology museums. They are also trained in cytological methods which are widely used in the

early detection of cancer in pathology laboratories and cancer hospitals.

The examination at the end of the course is conducted by the Laboratory Training Committee of the Christian Medical Association of India leading to the Post Graduate Diploma in Histopathological laboratory Technology (awarded by CMAI).

**Eligibility:** Pass with minimum 50% marks, in BSc MLT/ BSc with Biology or Botany/Zoology or Biochemistry or Microbiology as main subject/BSc Physics or Chemistry as main, with Botany or Zoology as ancillary.

**Duration:** 1 year

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### PG Diploma in Hospital Administration (PGDHA)

*Programme jointly managed by Tata Institute of Social Sciences (TISS) and CMC,*

*Diploma awarded by TISS*

Hospitals are highly complex organizations, irrespective of size. They provide a broad range of medical services, products (mainly pharmaceuticals) and offer hospitality services. There is a need for efficient administrators who can plan, coordinate and manage hospitals to ensure smooth and efficient delivery of healthcare services.

Recognizing the need for quality training for comprehensive knowledge and experience in the administration and operation of any level hospital, the Department of Hospital Management Studies & Staff Training and Development, CMC, in collaboration with TISS, offers PGDHA, a one-year full-time course. This is followed by a 5 months compulsory internship without stipend. Students will also have additional inputs from Loyola Institute of Business Administration (LIBA), Chennai.

**Modules covered:** Core skills for Hospital Administrators; Principles of Management; Organizational Behaviour; Finance in Healthcare; Materials and Equipment Management; Managing Patient Care; Research, Statistics and Operations Research; Human Resource Management; Epidemiology & Public Health; Planning and managing hospital facilities; Quality Management and Legal Issues. Students are exposed to various field visits to the hospital departments, which give them practical experience of day-to-day management issues and techniques in both clinical and support departments.

**Eligibility:** Graduates in any discipline, preferably with

one year working experience in a hospital. Preference will be given to those who are from mission hospitals and have assurance of a job on their return. A good working knowledge of English is necessary.

**Duration:** One year plus 5 months compulsory internship (without stipend)

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### PG Diploma in Medical Microbiology

*(Awarded by the Christian Medical Association of India)*

The Microbiology laboratory is an NABL accredited laboratory. The primary concern of Microbiology is to provide excellent laboratory support for patient care. This course is designed to produce professionally excellent technologists. It provides training in the identification of bacterial and fungal pathogens causing disease in man, with a brief exposure to diagnostic methods for viral and parasitic agents.

Besides helping to diagnose infectious diseases by organism isolation, diagnosis is also made by various serological tests to detect antibodies against the infections agents. In addition, molecular techniques to identify the DNA/RNA of bacteria and their resistant genes are used for rapid and accurate diagnosis.

The trainees also acquire the skill to carry out antimicrobial susceptibility tests, which reveal the drug or combination of drugs which would be best suited for treatment. Training in common serological procedures is also imparted in the course. Organized lectures, practical sessions and demonstrations, as well as supervised bench training opportunities are offered during the course.

This is not a post graduate degree programme. It primarily enables a trained candidate to work as a technologist in laboratory settings.

**Eligibility:** BSc with English as the medium of instruction and Biology (Botany/Zoology) as main subject/ BSc MLT/ BSc Microbiology as main or ancillary subject, from a recognised University. Students who have a post-graduate degree need not apply.

**Duration:** 1.5 years + 6 months internship

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### Fellowship in Antimicrobial Stewardship for Clinical Pharmacists

The Fellowship in Antimicrobial Stewardship for Pharmacists is an initiative by the Department of Infectious diseases (ID) to provide clinical pharmacists with training and expertise to establish their position as an integral part of the infection

control and antimicrobial stewardship (AMS) team. The Pharm D programme in India is an intensive graduate programme involving five years academic and 1-year clinical training. Above 6000 pharmacists graduate each year that play integral roles in healthcare systems across the country.

India does not have any specialization program for pharmacists in the field of infectious diseases. In the current scenario of emerging antibiotic resistance in Indian settings, the need for pharmacists trained in Infectious Diseases and Anti-Microbial Stewardship (AMS) is essential. The program aims to train the fellows to implement interventions to improve patient care, minimize resistance and cost and prolong the longevity of antimicrobials. This fellowship is tailored to the needs of India taking into account the spectrum of antimicrobial resistance, health care infrastructure, regulatory policies and stewardship needs of the healthcare systems in the country. The pharmacists will be trained in the fields of microbiology, pharmacology, pharmacokinetics, pharmacodynamics and management of infectious diseases and thereby develop skills needed to establish an antimicrobial stewardship program. Therefore this program is the first of its kind in the country aiming to be a model for pharmacist driven AMS in a low and middle income country like India.

The Infectious Diseases Department at CMC Vellore has been instrumental in popularizing infectious diseases as a separate subspecialty in India. The department runs various programs in the field like Post-Doctoral Fellowship clinical training program in infectious diseases, DM in Infectious diseases, Global health and humanitarian medicine and Fellowship in general infectious diseases for clinicians. The curriculum comprises of didactic lectures and electives and practical hands on training in the ward and ICU settings. The fellowship is a comprehensive one year programme accredited by Christian Medical College, Vellore.

**Eligibility:** Pharm D (Doctor of Pharmacy)

**Duration:** 1 year

## Fellowship in Hospital Chaplaincy

*(Awarded by the Christian Medical College Vellore Association)*



There is a growing awareness of the need for counselling in different disciplines today, This Fellowship programme is designed to particularly meet the need of pastors of churches to equip them with special skills in counselling and pastoral ministry among the sick and suffering. However, the programme also provides needed skills for the broader healing ministry in the context of schools, colleges, industries, institutions and organizations. 'Learning through doing' is the general method of this programme. Sufficient supervision from senior chaplain teachers and peer group learning and periodical lectures from faculty of different disciplines are the main feature of this programme.

It is expected that those who finish this fellowship will best be equipped to serve as counsellors or chaplains in hospitals, communities, schools, colleges, industries or other institutions. A stipend which covers basic living expenses is provided. Admission is by special interview at CMC, Vellore. In addition to the fees, candidates must be in a position to meet expenses for study programmes organized in other hospitals.

**Eligibility:** Theologically qualified and ordained pastors

**Duration:** 1 year

## 4.5. MASTERS COURSES

| Course Name                             | Eligibility  | Type of paper | Duration                                  | No. of seats |
|---|--|---------------|---|--------------|
| Master of Physiotherapy (Orthopaedics)  | B.P.T Degree awarded by The Tamil Nadu Dr. M.G.R Medical University or any other University recognized as equivalent thereto by the Tamil Nadu Dr. M.G.R. Medical University   | Specialty     | 2 years                                   | 3            |
| Master of Hospital Administration (MHA) | MBBS / BDS / BAMS / BHMS / BNYS / BUMS / BSMS or B.E. Biomedical Engineering / B.Tech Biotechnology or B.Sc (N) / B. Pharmacy / BPT or BBA and BHA in Hospital Administration or B.Sc. Allied Health Sciences (any) or B.Sc. (Biochemistry / Microbiology / Biotechnology / Chemistry / Physics / Botany / Zoology)        | Specialty     | 2 years                                   | 10           |
| MSc Clinical Nutrition                  | B.Sc., Nutrition Dietetics, Food Service Management / B.Sc in Food and Nutrition / B.Sc in Clinical Nutrition and Dietetics/ B.Sc. in Home Science with majors in nutrition and dietetics/ B.Sc in Human Science with majors in nutrition and dietetics/ B.Sc in Clinical Nutrition with majors in nutrition and dietetics | Specialty     | 2 years + 6 months residential internship | 5            |
| MSc Nuclear Medicine Technology*        | BSc in Nuclear Medicine Technology/ BSc Radiology & Imaging Technology / BSc Medical Physics / BSc Radiotherapy Technology / Any BSc Life Science with DMRT  | Specialty     | 2 years                                   | 2            |

\*Subject to AERB clearance



### Master of Physiotherapy (Orthopaedics)

The MPT Orthopaedics course was started in 2016. This programme develops clinical acumen, patient care, clinical reasoning and the ability of candidates to plan physiotherapy treatment using current evidence. Christian Medical College, Vellore offers our postgraduate physiotherapy students, excellent clinical learning from direct patient care, Orthopaedic teams, and specialized labs. The forte of the Christian Medical College, Vellore has always been the utmost priority given to patient care and hands-on clinical learning. MPT Orthopaedics students also have the opportunity to rotate in Orthopaedic subspecialties like Spine surgery, Paediatric Ortho, Orthopaedic Oncology, and Hand Surgery in addition to the outpatient section and inpatient wards of Physical Medicine and Rehabilitation. They take part in grand rounds, clinical discussions, pre and post-operative meetings, journal club meetings and case presentations.

Students enrolled in Master in Physiotherapy – Orthopaedics course, have to conduct a supervised research project, as part of the curriculum. Student research projects are encouraged at CMC Vellore. Research activities are funded by the Institutional Fluid Research Grant, with statistical support from the Department of Biostatistics. Postgraduate students will also be given the opportunity to showcase their research activities in national and state Physiotherapy forums.

### Master of Hospital Administration (MHA)

Healthcare is one of the most challenging as well as the fastest growing sectors not only in India but also throughout the world. In India it has developed remarkably in the last decade. A growing public awareness of health coupled with an increase in disposable income for many people has stimulated a demand not only for excellent healthcare professionals and hospitals but also for well-trained managers. This in turn has generated a need for good quality courses and teaching institutes specializing in administration of hospitals and health systems.

MHA is a two-year full-time degree course offered by CMC through the Department of Hospital Management Studies & Staff Training and Development with affiliation from Tamil Nadu Dr. M.G.R. Medical University, Chennai. It is a Masters-

level Programme with an aim to develop hospital administrators with required knowledge, skills and values to manage hospitals effectively with a spirit of compassionate service and ethical leadership.

At the end of this course students will

- Be qualified hospital administrators with a strong theoretical foundation, an exposure to research and practical experience of hospital operations in a renowned hospital.
- Exhibit enhanced skills especially in decision-making, financial analysis, interpersonal relationships, etc.
- Understand the legal and ethical environment of hospitals and how this relates to employment practices, systems, and behaviour.
- Be able to apply the principles of effective self-management, teamwork, and leadership in team, intra-hospital, and inter-hospital environments.
- Be enabled to contribute in developing hospital related policies and practices in relevant context.

Course content: As prescribed by the Tamil Nadu Dr. M.G.R. Medical University, Chennai.

### MSc Clinical Nutrition

*Awarded by: The Tamil Nadu Dr. MGR Medical University, Chennai*

Clinical nutrition is an applied health science which involves translating the science of nutrition and food to promote good health. In short, it is Nutrition, Food and Health. Clinical Nutritionists are highly valued healthcare professionals. They assist individuals and family in choosing nutritious food in health or disease, develop modified diets and participate in nutrition research.

The Department of Dietetics at Christian Medical College is a clinical support department which offers food services to patients, diet counselling for both hospitalized patients as well as out-patients requiring medical nutrition therapy. Teaching nursing students as well as other healthcare team members in nutrition and dietetics is a core function. The department is actively engaged in collaborative research, public awareness and nutrition programs. It is recognized by the Indian Dietetic Association for registered dietitian internship training program for candidates who aspire to become registered dietitians.

M.Sc. Clinical Nutrition is a two year in-service training program followed by six months of

compulsory residential internship. The focus is on practical aspects, hands on experience and exposure to real life situations. Emphasis is placed on clinical dietetics and management of food services in hospitals. The course inculcates in students the art and science of medical nutrition therapy, fundamentals of organization and management of food services in hospitals. The course is designed for students with a bachelor's degree in nutrition who want to embark on a career as a registered dietitian.

Employment opportunities: Post graduates can work as clinical dietitians in hospitals or dietitians in health centers, schools, multinational companies, corporates, star hotels, factories, sports and health clubs; as clinical nutritionists in nutraceutical companies and as research dietitians in government and non-government institutes. They may also work as freelancers after clearing the Registered Dietitian Board examination conducted by the Indian Dietetic Association.

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### **MSc Nuclear Medicine Technology**

*Awarded by: The Tamil Nadu Dr. MGR Medical University, Chennai*

Nuclear Medicine Technology is the medical speciality concerned with the use of small amounts of radioactive material for the diagnosis of various diseases and treatment of a few diseases. Nuclear Medicine scans reveal biological processes that take place at cellular and subcellular level and are now

accepted as an integral part of molecular imaging. Technologists apply the art and skill of diagnostic imaging and treatment through safe and effective use of radionuclides.

This course will

1. Help in acquiring adequate knowledge and technical skills for the use of sophisticated instrumentation such as gamma cameras, thyroid uptake probes, PET scanner, cyclotron, dedicated software to generate digital images, and preparation of radiopharmaceuticals, as applied to patient care
2. Enrich their knowledge of medical physics, molecular imaging and theranostics.
3. Develop research activities on newer radiopharmaceuticals related to SPECT-CT, PET-CT and Cyclotron
4. Develop compassionate approach towards the needs of patients.

Students participate in the daily operation of the Nuclear Medicine department under the supervision of Radiation Safety Officer and Nuclear Medicine physicians. The course also includes maintaining patient records and documents regarding the amount and type of radio-nuclides that is received, used and discarded. When preparing radio pharmaceuticals, technologists adhere to safety standards that keep the chance of radiation exposure as low as possible to staff and patients.

# Masters & Doctoral Courses



## 5. MASTERS & DOCTORAL COURSES

| Course Name             | Eligibility  | Type of paper | Duration                    | No. of seats |
|-------------------------|--|---------------|-----------------------------|--------------|
| MSc Biostatistics       | Eligibility will be as per the Tamil Nadu Dr. M.G.R. University criteria.  | Specialty     | 2 years                     | 8            |
| MSc Epidemiology        | MBBS/BDS/MPharm/MSc in Nursing/Biostatistics/Statistics/Nutrition/Biochemistry/Anatomy/Physiology/Pharmacology/Microbiology and other medical related MScs/ BVSc/BAMS/BUMS/BHMS/BSMS/ MPT/MOT/MPH.   | Specialty     | 2 years                     | 8            |
| MSc Medical Physics     | BSc with Physics as main subject with Mathematics as one of the ancillary subjects.  | Specialty     | 2 years + 1 year internship | 5            |
| Master of Public Health | MBBS, BDS, BVSc, BSc. Nursing, BPT, BOT, graduates of AYUSH courses, Pharmacy & Engineering, Postgraduates in Statistics/Biostatistics, Demography, Population Studies, Nutrition, Sociology, Economics, Psychology, Anthropology, Social Work, Management or Law. | Specialty     | 2 years                     | 15           |
| Ph.D Programmes         | Contact the Principal or the departments concerned   |               |                             |              |

### MSc in Biostatistics

The MSc Biostatistics course in CMC is probably the first of its kind in the country. Students have been trained in the field of Biostatistics since 1986. Biostatistics involves the development and application of statistical techniques to scientific research in health-related fields, including medicine, epidemiology and public health. The role of a biostatistician is vital in any medical research project as well as in teaching biostatistics. Physicians and scientists rely on trained biostatisticians to serve as key members of their research teams. Biostatistics students are guided by faculty members of the department whose research interests include design and analysis of clinical trials, statistical methods in epidemiology, sampling methods used in surveys, survival analysis, analysis of data subject to 'missingness' or missing data, time series analysis, model selection, longitudinal data analyses and computer intensive statistics. Biostatisticians with advanced degrees can look forward to excellent career opportunities in government, industry, and academia. Recent graduates have found positions with employers as diverse as pharmaceutical companies, medical colleges, university research groups, hospitals, and health-related industries.

### MSc in Epidemiology

The importance of epidemiology in health related research, clinical decision making and community health management is well recognized. Christian Medical College, Vellore has been offering short courses in Epidemiology since 1986. Numerous health professionals have so far undergone these training programmes, most of them being faculty from various medical colleges. This institution has initiated the Master's degree in Epidemiology based on the experience of conducting a large number of clinical and field studies. The course is recognised by the Tamil Nadu Dr M.G.R. Medical University. This course is aimed at health professionals interested in clinical or population based research and in the practice of community health. This course will also benefit teachers in various health related disciplines. Epidemiology is a quantitative science and involves a fair amount of exposure to biostatistics and the use of computers. The MSc. programme also equips the candidate with basic skills in healthcare management, demography, relevant areas of behavioural sciences and health economics.



### MSc in Medical Physics

Medical Physics is a health care profession that applies physics to medicine in areas such as Radiation Oncology, Diagnostic Radiology and Nuclear Medicine. In the field of Radiation Oncology, Medical Physicists play a vital role in planning the radiation treatment of cancer patients, using sophisticated treatment planning systems. In addition they commission, calibrate and perform quality assurance tests on radiation delivery equipment, such as linear accelerators, telecobalt and brachytherapy units, to ensure accurate and safe delivery of radiation. In Diagnostic Radiology, Medical Physicists have the responsibility of ensuring the quality and safety of imaging modalities, such as Computed Tomography (CT), Magnetic Resonance Imaging (MRI) fluoroscopy, digital radiography, mammography and ultrasound. Nuclear Medicine Physicists are responsible for the management and use of unsealed radioactive sources for diagnosis and therapy, including Single Photon Emission Computed Tomography (SPECT) and Positron Emission Tomography (PET).

This postgraduate degree programme trains physics graduates as professionally sound medical physicists, with good academic knowledge and practical skills in the areas described. Core subjects include Radiation Physics and Safety, Techniques, Dosimetry, Imaging Physics, Nuclear Medicine Physics, Radiobiology and Anatomy and Physiology apart from Radiation Mathematics which also covers computational packages such as C++ and MATLAB. A project has to be carried out in the second year.

On completion of this course one can expect to be employed in a hospital, university or a research institute, and have the option of pursuing research and doctoral studies both in India and abroad.

### Master of Public Health (MPH)

This 2 year full time course is affiliated to Sree Chitra Tirunal Institute for Medical Sciences and Technology (SCTMST), Thiruvananthapuram. This course is designed to build on the outstanding track record of CMC Vellore as an institution providing quality health and research training, coupled with a well developed system of community-based care





that has evolved with it. A multidisciplinary faculty and a supporting team of public health/social scientists from the institution aim to train public health specialists for roles in both private and public sectors. The faculty span primary, secondary and tertiary care levels and have a proven track record of involvement in public health activities.

By the end of the course, the student should be able to:

- Plan, implement and evaluate public health programmes
- Design, conduct and analyse research involving public health problems
- Function confidently as a public health manager at a district level.

Core course subjects are taught in the first year with a mix of both theoretical and practical learning experiences. Teaching methods include lectures, discussions, seminars, assignments, exercises, community work for data collection, analysis, and visits to public health administrative facilities as well as areas of need. The second year will include a few modules, a two month internship with an organization involved in public health and a project chosen in agreement with a named supervisor leading to submission of a dissertation. Assessment occurs regularly throughout the course, upon

completion of each module.

For further course details, please check the website of the Community Health Department:

[www.cmch-vellore.edu/Departments](http://www.cmch-vellore.edu/Departments)

### PhD Programmes

The following departments are recognised by the Tamil Nadu Dr M.G.R. Medical University, Chennai, to conduct Ph.D. programmes:

Anatomy, Bio-chemistry, Clinical Biochemistry, Physiology, Community Medicine, Medical Bio-Statistics, Pharmacology, Psychiatry, Paediatrics, Microbiology, Virology, Pathology, Orthopaedic & Accident Surgery, Clinical Haematology, Neuro-Sciences, Endocrinology, Gastro-Intestinal Sciences, Radiology, Medical – Physics, Reproductive Medicine, Oto-Rhino-Laryngology, and Clinical Immunology & Rheumatology.

In addition, certain departments such as the Bioengineering department are recognised by Sree Chitra Tirunal Institute for Medical Sciences & Technology and Thiruvalluvar University to conduct research programmes leading to the award of PhD degree.

Please contact the Principal office (Research) 0416-2284294, e-mail: [researchothers@cmcvellore.ac.in](mailto:researchothers@cmcvellore.ac.in).



### MBA in Hospital and Health Systems Management (HHSM)

MBA (HHSM) is a 4 semester Work Integrated Learning Programme conducted in collaboration with Birla Institute of Technology & Science (BITS), Pilani, Christian Medical College (CMC), Vellore and Bombay Hospital, Mumbai.

This course provides a unique opportunity to experience firsthand administration and allow participants to learn firsthand how to efficiently run the day-to-day operations and manage the various functions of a large hospital. The programme emphasizes on Experiential Learning that allows learners to apply concepts learnt in classroom in simulated and real work situations through:

- Hospital immersion sessions of 7 - 10 days each at CMC Vellore and Bombay Hospital during 3rd semester.
- Simulation & Modeling exercises
- Case Studies and Assignments

- Project Work
- Digital Learning
- Continuous Assessment

**Eligibility:** Employed professionals in the healthcare industry, holding an MBBS degree/ Integrated First Degree of BITS or its equivalent with at least 60% aggregate marks, and minimum one year of relevant work experience are eligible to apply to this programme.

This programme is designed for

- Doctors, Dentist, and other Medical professionals working in Public/Private/Non-profit hospitals and managing their own hospitals.
- Para-Medical and Non-medical professionals working in the healthcare industry.

**Admission:** Application is usually advertised twice a year from BITS (online) in March/April and October/November. Further information could be obtained by visiting the BITS website: <https://bitspilani-wilp.ac.in>

## 6. POST GRADUATE ENGINEERING PROGRAMMES

### MS Bioengineering

*Awarded by: SCTIMST, Trivandrum.*

The academic programme in Bioengineering leads to the degree of Master of Science in Bioengineering, under the Sree Chitra Tirunal Institute for Medical Sciences and Technology, Thiruvananthapuram (SCTIMST-TVM is an Institute of National Importance, Govt. of India). The department of Bioengineering works closely with several other departments in CMC. The current work ranges across physiological measurements, systems modelling, prostheses design, biomechanical analysis, rehabilitation engineering, quantitative movement analysis and biomedical signal processing. Lectures and seminar based courses on Transducers and Instrumentation, Imaging Systems, Physiological Systems, Signal Processing, Rehabilitation Engineering, etc., form part of the basic training.

The MS Bioengineering is a specialized engineering programme with emphasis on research. The candidates undertake a research project over a period of one year. Students interact closely with at least one of the clinical or basic science departments to formulate a research question. This degree equips the students to apply quantitative and engineering methods to solve healthcare problems. Career prospects include academic research and teaching careers, as well as research and development in the medical devices industry.

**Eligibility:** All aspiring candidates should have an undergraduate degree in engineering, preferably Electrical, Electronics, Mechanical, Computer Science or equivalent.

All applicants should have written the Graduate Aptitude Test for Engineering (GATE) within the last 5 years, in a relevant engineering subject.

**Admissions:** Application to the MS Bioengineering programme is usually advertised in February, and candidates must apply before the end of April. An interview of short-listed candidates for the MS programme will be conducted in June to select suitable candidates.

### M.Tech. Clinical Engineering and PhD. Medical Devices

*Awarded by: IIT-Madras & SCTIMST, Thiruvananthapuram*

This programme is jointly conducted by the three institutions, Indian Institute of Technology- Madras, Sree Chitra Tirunal Institute for Medical Sciences and Technology-Thiruvananthapuram and Christian Medical College-Vellore, with students spending prescribed durations in each institution. All candidates must have an engineering undergraduate degree. The aim of the M.Tech. Clinical Engineering programme is to train engineers to design instruments and also manage and ensure the safe and effective use of technology in hospitals and health care delivery points.

The M.Tech. Programme includes clinical projects and the course is 2 years in duration. In the first semester of the programme the students are at IIT Madras where they take courses in engineering, molecular biology, and management. In the second semester the students are at CMC, Vellore where they take courses in engineering, physiology, anatomy, clinical visits and a clinical project. The third semester is at SCTIMST, undergoing courses in medical devices and biomedical technology. In the fourth semester, a project is undertaken. All students will be jointly guided by engineering and medical faculty.

The Ph.D Medical Devices program has basic courses at IIT-Madras and CMC-Vellore to prepare the students for research with a clinical orientation. Students will select an area of research and conduct research with supervisors in at least two out of the three institutions.

**Eligibility:** B.E./B.Tech/Recognized four year course; on the basis of GATE subject (AE, CE, CH, CS, EC, EE, IN, IT, ME, MT) and score.

Admissions are administratively handled by the office of the IIT-MADRAS and selection is by a committee comprising members from all three institutions. Application to these programmes is usually advertised in February/March.

# Faculty List

Medical College



2020-2021

## Faculty - Medical College

| Accident & Emergency    |          |                     |
|-------------------------|----------|---------------------|
| Vernon Lee              | MBBS, MS | Professor           |
| Paul Prabhakar Abhilash | MBBS, MD | Professor           |
| Ms. Priya G             | MBBS, MD | Associate Professor |
| Ms. Gina Maryann Chandy | MBBS, MD | Assistant Professor |
| Sivanandan A            | MBBS, MD | Assistant Professor |

| Anaesthesiology              |                        |                     |
|------------------------------|------------------------|---------------------|
| Sajan Phiip George           | MBBS, DA, MD           | Professor           |
| Raj S.                       | MBBS, MD               | Professor           |
| Ms. Ekta Rai                 | MBBS, MD               | Professor           |
| Tony Thomson Chandy          | MBBS, DA, MD           | Professor           |
| Ms. Anita Shirley Joselyn    | MBBS, DA, MD           | Professor           |
| Sathish Kumar D              | MBBS, DA, MD           | Professor           |
| Ms. Aparna Williams          | MBBS, MD               | Professor           |
| Ms. Chitra S.                | MBBS, DA, MD           | Professor           |
| Balaji K                     | MBBS, DA, MD           | Professor           |
| Ms. Serina Ruth Salins       | MBBS, DA, DNB          | Associate Professor |
| Ms. Suma Mary Thampi         | MBBS, DA, MD           | Associate Professor |
| Kirubakaran                  | MBBS, MD               | Associate Professor |
| Justin P. James              | MBBS, DA, MD           | Associate Professor |
| Ms. Gladdy George            | MBBS, DA, DNB          | Associate Professor |
| Rahul Pillai                 | MBBS, DA, MD           | Associate Professor |
| Ms. Smitha Elizabeth George  | MBBS, DA, MD           | Associate Professor |
| Ms. Jyothi Avula             | MBBS, DA, MD           | Associate Professor |
| Ms. Riya Jose                | MBBS, DA, MD           | Associate Professor |
| Ms. Leah Raju George         | MBBS, DA, MD           | Associate Professor |
| Ms. Meghna S David           | MBBS, DA, MD           | Associate Professor |
| Ms. Smithamol P B            | MBBS, DA, DNB          | Assistant Professor |
| Aparanjit Paul               | MBBS, DA, MD           | Assistant Professor |
| Ms. Susan Thomas             | MBBS, MD               | Assistant Professor |
| Jerry Joseph J.              | MBBS, MD               | Assistant Professor |
| Sunimal Bhaggien             | MBBS, DA, MD           | Assistant Professor |
| Ms. Divya Isac               | MBBS, DA, MD           | Assistant Professor |
| Ms. Bernice Theodore Y       | MBBS, DA, MD           | Assistant Professor |
| Ms. A V Varsha (CTICU)       | MBBS, DA, MD, DNB, PDF | Assistant Professor |
| Ben Babu Kurien (CTICU)      | MBBS, MD, PDF          | Assistant Professor |
| Joseph Punnoose Paarel       | MBBS, MD               | Assistant Professor |
| Ms. Karen Lynn Lee           | MBBS, MD               | Assistant Professor |
| Amit Mathew                  | MBBS, MD               | Assistant Professor |
| Sudha Naveen Kumar           | MBBS, DA, DNB          | Assistant Professor |
| Anand Babu Medidi            | MBBS, DA, MD           | Assistant Professor |
| Jacob Chandy                 | MBBS, DA, MD           | Assistant Professor |
| Ms. Anju Sarah Thomas        | MBBS, DA, MD           | Assistant Professor |
| Philip Amitav Vikram Kalindi | MBBS, DA, MD           | Assistant Professor |
| Sam Jenkins S                | MBBS, DA, MD, DNB      | Assistant Professor |
| Ms. Ann Sumin Toms           | MBBS, DA, MD           | Assistant Professor |

|                          |               |                 |
|--------------------------|---------------|-----------------|
| Roshan K Kurien          | MBBS, MD      | Senior Resident |
| Ms. Namitha B J          | MBBS, MD      | Senior Resident |
| Ms. Ruth Namratha Mannam | MBBS, MD      | Senior Resident |
| Bharath Kiran P          | MBBS, DCH, MD | Senior Resident |

| Neuro Anaesthesia     |               |                     |
|-----------------------|---------------|---------------------|
| Ms.Ramamani M.        | MBBS, DA, MD, | Professor           |
| Ms.Georgene Singh     | MBBS, MD, DM  | Professor           |
| Ms. Karen Ruby Lionel | MBBS,DA,MD,DM | Associate Professor |
| Ms. Liby G. Pappachan | MBBS, DA, MD  | Assistant Professor |
| Ms. Rosen Roy Mathew  | MBBS, DA, MD  | Assistant Professor |

| Anatomy                |                     |                     |
|------------------------|---------------------|---------------------|
| Ms.Bina Isaac          | MBBS, MS            | Professo            |
| Ms.Suganthy J.         | MBBS, MS, DNB, Ph.D | Professor           |
| Ms.Tripti Meriel Jacob | MBBS, M.S.          | Professor           |
| Deepak Vinod Francis   | MBBS, MS            | Associate Professor |
| Ms. Priyanka Daniel    | MBBS, MS            | Associate Professor |
| Ms. Sipra Rout         | MBBS, MD, DNB       | Assistant Professor |
| Ms. Supraja Srivastava | MBBS, MD            | Assistant Professor |
| Ms. Pauline Shanthi P  | MBBS, MD            | Assistant Professor |
| John K Mathew          | MBBS, MD            | Assistant Professor |
| Aby S Charles          | MBBS, MS            | Assistant Professor |
| Ms. Jenny Jacob        | MBBS, MD            | Assistant Professor |
| Ms. Femina Sam J P     | MBBS, MD            | Senior Resident     |

| Biochemistry         |               |                     |
|----------------------|---------------|---------------------|
| Ms.Molly Jacob       | MBBS, MD, PhD | Professor           |
| Ms.Premila Abraham   | MSc, PhD      | Professor           |
| Joe Varghese         | MBBS, MD      | Professor           |
| Anand. R             | MBBS, MD      | Associate Professor |
| Prakash. S S         | MBBS, MD      | Assistant Professor |
| Muthuraman N         | MBBS, MD      | Assistant Professor |
| Jagadish R           | MBBS, MD, DNB | Assistant Professor |
| Padmanaban V         | MBBS, MD      | Assistant Professor |
| Ms. B. Vijayalekshmi | MBBS, MD      | Assistant Professor |

| Bioengineering            |                   |                     |
|---------------------------|-------------------|---------------------|
| Suresh Roland Devasahayam | BE, MS, PhD       | Professor           |
| Sivakumar Balasubramanian | BTech, Mtech, PhD | Professor           |
| Ms. Syrpailyne Wankhar    | BE,M.Tech, PhD    | Associate Professor |

| Biostatistics      |                  |               |
|--------------------|------------------|---------------|
| Jeyaseelan L       | MSc, PhD, FRSS   | Professor     |
| Antonisamy B.      | MSc, PhD, FRSS   | Professor     |
| Prasanna Samuel    | MSc, PhD         | Lecturer Gr.I |
| Ms.Grace Rebekah   | MSc, PhD         | Tutor         |
| Ms.Tunny Sebastian | MSc, M.Phil, PhD | Lecturer      |

|                         |     |                             |
|-------------------------|-----|-----------------------------|
| Ms. Mahasampath Gowri S | MSc | Lecturer (NM) Gr.II         |
| Ms. Reka K              | MSc | Lecturer (NM) Gr.III        |
| Bijesh Kumar Yadav      | MSc | Sr. Demonstrator Gr.IV (NM) |
| Ms. Poornima K          | MSc | Sr. Demonstrator Gr.IV (NM) |
| Ms. Thenmozhi M         | MSc | Sr. Demonstrator Gr.IV (NM) |
| Ms. Dona Maria Philip   | MSc | Sr. Demonstrator Gr.IV (NM) |

| Cardiovascular & Thoracic Surgery |                     |                               |
|-----------------------------------|---------------------|-------------------------------|
| Vinayak Shukla                    | MBBS, MS, MCh, DNB  | Professor                     |
| Roy Thankachen                    | MBBS, MS, MCh       | Professor                     |
| Madhu Andrew Philip               | MBBS, DNB, MCh      | Professor                     |
| Alpha Mathew Kavunkal             | MBBS, MS, MCh       | Professor                     |
| Korah T. Kuruvila                 | MBBS, MS, MCh       | Professor                     |
| Birla Roy Gnanamuthu              | MBBS, MS, MCh       | Professor                     |
| Ravi Shankar                      | MBBS, MS, MCh       | Associate Professor           |
| Vinay M. Rao                      | MBBS, MS, MCh       | Assistant Professor           |
| Shalom Sylvester Andugala         | MBBS, MS, MCh       | Assistant Professor           |
| Deepak Narayanan A                | MBBS, DNB, MCh      | Assistant Professor           |
| Santhosh R Benjamin               | MBBS, MS, MCh       | Assistant Professor           |
| Rijoy K.P                         | MBBS, MS, MCh       | Assistant Professor           |
| Raj Kumar J                       | MBBS, MS (Gen.Surg) | Asst.Surg.I / Sr.Registrar PG |

| Cardiology               |               |                       |
|--------------------------|---------------|-----------------------|
| George Joseph            | MBBS, MD, DM  | Professor             |
| Paul V George            | MBBS, MD, DM  | Professor             |
| Oommen K. George         | MBBS, MD, DM  | Professor             |
| Viji Samuel Thomson      | MBBS, MD, DM  | Professor             |
| John Roshan Jacob        | MBBS, MD, DM  | Professor             |
| David Chase              | MBBS, MD, DM  | Professor             |
| John Jose                | MBBS, MD, DM  | Professor             |
| Mithun Jacob Varghese    | MBBS, MD, DM  | Professor             |
| Lijo Varghese            | MBBS, MD, DM  | Associate Professor   |
| Anoop George Alex        | MBBS, MD, DM  | Associate Professor   |
| P Sirish Chandra Srinath | MBBS, MD, DM  | Assistant Professor   |
| R Pradeep Kumar          | MBBS, MD, DM  | Assistant Professor   |
| Sharath Babu N.M         | MBBS, MD, DM  | Assistant Professor   |
| Perla Harsha Teja        | MBBS, MD, DM  | Assistant Professor   |
| Sahil Mahajan            | MBBS, MD, DM  | Assistant Professor   |
| Jegan S                  | MBBS, MD, DM  | Assistant Professor   |
| Jesu Krupa S             | MBBS, MD, DM  | Assistant Professor   |
| Naveen Kumar P           | MBBS, DNB, DM | Assistant Professor   |
| Nathaniel Samson         | MBBS, MD, DM  | Assistant Professor   |
| Arpudh Michael Anandaraj | MBBS, MD, DM  | Assistant Professor   |
| Augustin Devasahayam     | MBBS, DNB, DM | Senior Resident Gr. I |
| Avitso Liesie            | MBBS, DNB, DM | Senior Resident Gr. I |
| Saravanan E              | MBBS, MD, DM  | Senior Resident Gr. I |
| Pratheesh George Mathew  | MBBS, MD, DM  | Senior Resident Gr. I |



| Chaplaincy      |                         |        |
|-----------------|-------------------------|--------|
| Rev T Arul Dhas | MSc, BD, DPC PhD (Edin) | Reader |

| Clinical Immunology & Rheumatology |                     |                                |
|------------------------------------|---------------------|--------------------------------|
| Debasish Danda                     | MBBS, MD, DM        | Professor                      |
| John Mathew                        | MBBS, MD, DNB, DM   | Professor                      |
| Ms. Ruchika Goel                   | MBBS, MD, FICIR, DM | Associate Professor            |
| Ashish Jacob Mathew                | MBBS, DNB, DM       | Associate Professor            |
| Aswin M Nair                       | MBBS, MD, FICIR, DM | Associate Professor            |
| Arvind G                           | MBBS, MD, PDF, DM   | Assistant Professor            |
| Shivraj Padiyar U                  | MBBS, MD, DM        | Assistant Professor            |
| Avanish Jha                        | MBBS, MD            | Asst. Phy. Gr.II / Sr. Reg. PG |

| Clinical Immunology & Rheumatology- Bio Medical Sciences |           |                     |
|--|-----------|---------------------|
| Jayakanthan.K  | MSc, Ph.D | Associate Professor |
| Ms. Josna Joseph   | MSc, Ph.D | Tutor               |

| Clinical Biochemistry  |          |                          |
|------------------------|----------|--------------------------|
| Ms.Pamela Christudoss  | MSc, PhD | Professor                |
| Arun Jose Nellickal    | MSc, PhD | Lecturer                 |
| Jayakumar Amirtharaj   | MSc, PhD | Lecturer                 |
| Ms. Rosa Mariam Mathew | MBBS, MD | Senior Resident          |
| Ms.Varghese Gracy      | MSc      | Sr. Lecturer Gr.I (NM)   |
| Ms.Vanitha S.          | MSc      | Sr. Lecturer Gr.II (NM)  |
| Ms.Janani Iswarya      | MSc      | Lecturer                 |
| Yesudas Sudhakar       | MSc      | Lecturer                 |
| Vijayakumar V          | MSc      | Senior Demonstrator (NM) |
| Chelladurai S          | MSc      | Senior Demonstrator (NM) |

| Clinical Haematology        |                        |                             |
|-----------------------------|------------------------|-----------------------------|
| Alok Srivastava             | MBBS, MD, FRCPA, FRACP | Professor                   |
| Vikram Mathews              | MBBS, MD, DM           | Professor                   |
| Biju George                 | MBBS, MD, DM           | Professor                   |
| Aby Abraham                 | MBBS, MD, DM           | Professor                   |
| Ms. Anu Korula              | MBBS, MD, DM           | Associate Professor         |
| Anup J Devasia              | MBBS, MD, DM           | Associate Professor         |
| Ms. Fouzia N.A              | MBBS, DCH, DNB, DM     | Associate Professor         |
| Kulkarni Uday Prakash       | MBBS, MD, DM           | Associate Professor         |
| Ms. Sharon Anbumalar Lionel | MBBS, MD, DM           | Assistant Professor         |
| Sushil S                    | MBBS, MD, DM           | Assistant Professor         |
| Arun Kumar                  | MBBS, MD, PDF          | Assistant Professor of Path |
| Ms. Madhavi Maddali         | MBBS, MD, PDF          | Assistant Professor of Path |

| Clinical Haematology - Bio Medical Sciences |                       |                     |
|---|-----------------------|---------------------|
| Ms. B. Poonkuzhali                          | MSc, PhD              | Professor           |
| R.V. Shaji                                  | MSc, PhD              | Professor           |
| Ms. E. Eunice Sindhuvi                      | MSc, Ph.D             | Professor           |
| Ms. Nancy Beryl A                           | MSc. (Bio.Tech), Ph.D | Lecturer Gr.IV (NM) |

|                    |     |                           |
|--------------------|-----|---------------------------|
| Ms. Bexy Bensega B | MSc | Senior Demonstrator Gr.IV |
|--------------------|-----|---------------------------|

| Community Medicine            |                                  |                     |
|-------------------------------|----------------------------------|---------------------|
| Kuryan George                 | MBBS, MD, MSc, (Med.Informatics) | Professor           |
| Ms. Jasmine Helan             | MBBS, MD, DNB, (MAT. & C.H.) MPH | Professor           |
| Ms.Rita Caroline Isaac        | MBBS, MD, MPH                    | Professor           |
| Vinod Joseph Abraham          | MBBS, MD, MPH                    | Professor           |
| Ms.Shantidani Minz            | MBBS, MD, MPH                    | Professor           |
| Venkata Raghava M.            | MBBS, MD                         | Professor           |
| Jacob John                    | MBBS, MD                         | Professor           |
| Sushil Mathew John            | MBBS, MD                         | Professor           |
| Ms. Anuradha Rose             | MBBS, MD, MHSc (Bioethics)       | Professor           |
| Ms. Ruby Angeline Pricilla. S | MBBS, MD, DGO                    | Professor           |
| Biswajit Paul                 | MBBS, MD                         | Professor           |
| Ms. Anu Mary Oommen           | MBBS, MD                         | Professor           |
| Prashanth H.R.                | MBBS, MD                         | Associate Professor |
| Ms. Divya Elizabeth Muliyl    | MBBS, MD                         | Associate Professor |
| Ms. Kanagalakshmi             | MBBS, MD                         | Associate Professor |
| Sam Marconi D                 | MBBS, MD                         | Assistant Professor |
| Ms. Chella Sindhu K N         | MBBS, MD                         | Assistant Professor |
| Ms. Anandanayagi              | MBBS, MD                         | Assistant Professor |
| Ms. Carol Susan Devamani      | MBBS, MD                         | Assistant Professor |
| Obed John Heber Antipas       | MBBS, MD                         | Assistant Professor |
| Ms. Shalini J                 | MBBS, MD                         | Assistant Professor |
| Madhu Mohan S                 | MBBS, MD                         | Assistant Professor |
| Ms. Surya B                   | MBBS, MD                         | Assistant Professor |
| Jackwin Sam Paul G            | MBBS, MD                         | Senior Resident     |

| Continuing Medical Education |                                  |                   |
|------------------------------|----------------------------------|-------------------|
| Ms.Reena Mary George         | MBBS, MD (RT), DNB, Dip.Pal.Med. | Professor         |
| Tony Abraham Thomas          | MBBS, MCh (Neurosurgery)         | Assistant Surgeon |

| Critical Care Medicine   |  |                                 |
|--------------------------|--|---------------------------------|
| Subramani. K             | MBBS, MD, DA, FRCA, CST, FANZCA, EDIC, FICCM                                     | Professor                       |
| Peter J.V.               | MBBS, MD, DNB, MAMS, FRACP, FJFICM,FCICM, M.Phil (Hos. & Health Sys. Management) | Professor                       |
| Kishore Kumar Pichamuthu | MBBS, MD, EDIC,  | Professor                       |
| Ms.Binila Chacko         | MBBS, MD, FCICM, DM  | Professor                       |
| Ms. Shalini Nair         | MBBS, MD   | Professor                       |
| Ms.Shoma V. Rao          | MBBS, MD   | Associate Professor             |
| Pritish John korula      | MBBS, DA, MD   | Associate Professor             |
| Ms. D'SA Shilpa Reynal   | MBBS, MD   | Associate Professor             |
| Thomas Isiah Sudarsan A  | MBBS, MD   | Assistant Physician             |
| George Prashanth Kurian  | MBBS, DA, MD   | Assistant Physician             |
| More Atul Ramachandra    | MBBS, MD   | Sr.Registrar (PG)/Asst.Phy.Gr.I |
| Ms. Lovely Thomas        | MBBS, DNB  | Sr.Registrar (PG)/Asst.Phy.Gr.I |
| Udhayachandhar R         | MBBS, MD, PDF  | Assistant Physician             |
| Sankara Narayanan C      | MBBS, MD, PDF  | Assistant Professor             |

|                           |           |                        |
|---------------------------|-----------|------------------------|
| Allan John Samuel         | MBBS, MD  | Senior Resident        |
| Ms. Manju Mary Joseph     | MBBS, DNB | Senior Resident        |
| Karthikkumaran D          | MBBS, MD  | Senior Resident        |
| Jasper Rathinam J         | MBBS, MD  | Senior Resident        |
| Rakesh Mohanty            | MBBS, MD  | Senior Resident        |
| Ms. Juliya Pearl J        | MBBS, MD  | Senior Resident        |
| Ms. Rodrigues Joane       | MBBS, MD  | Senior Resident        |
| Ms. Winnie Elizabeth Jose | MBBS, DNB | Senior Resident Gr.III |
| Ms. Jubin Merin Jacob     | MBBS, DA  | Junior Resident Gr. I  |

## Cytogenetics

|                           |          |                     |
|---------------------------|----------|---------------------|
| Ms.Vivi Miriam Srivastava | MBBS, MD | Professor           |
| Ms.Mary Purna Chacko      | MBBS, MD | Professor           |
| Ms.Vandana Kamath         | MBBS, MD | Associate Professor |

## Dental Surgery

|                           |               |                     |
|---------------------------|---------------|---------------------|
| Rabin Kurudamanni Chacko  | MDS, FDS FCPS | Professor           |
| Santosh Koshy             | MDS           | Professor           |
| Jagadish Ebenezer         | MDS           | Professor           |
| Sibu Simon. S             | MDS           | Professor           |
| Arun Paul. S              | MDS           | Associate Professor |
| Ms. Soumya S.V            | MDS           | Associate Professor |
| Ms. Shini Susan Samuel    | MDS           | Associate Professor |
| Saurabh Kumar             | MDS           | Associate Professor |
| Surya Prakash Sharma      | MDS           | Assistant Professor |
| Daniel Sathiya Sundaram S | MDS, PDF      | Assistant Professor |
| Ms. Jesija J S            | MDS           | Assistant Professor |
| Ms. Anu Jose              | MDS           | Assistant Physician |

## Dermatology, Venerology &amp; Leprosy

|                                |                |                               |
|--------------------------------|----------------|-------------------------------|
| Ms. Susanne Alexander Pulimood | MBBS, DD, MD   | Professor                     |
| Ms. Dincy Peter C.V.           | MBBS, MD       | Professor                     |
| Ms. Leni George                | MBBS, DDVL, MD | Associate Professor/Physician |
| Ms. Dharshini S                | MBBS, DDVL, MD | Associate Professor           |
| Ms. Lydia Mathew               | MBBS, DDVL, MD | Assistant Professor           |
| Ms. Mahabal Gauri Dinesh       | MBBS, MD       | Assistant Professor           |
| Ankan Gupta                    | MBBS, MD       | Assistant Professor           |
| Ms. Priya Sara Kuryan          | MBBS, MD       | Assistant Professor           |
| Ms. Rajam N                    | MBBS, MD       | Assistant Professor           |
| Ms. Anju George                | MBBS, MD, DNB  | Senior Resident               |
| Ms. Santhi John Tharakan       | MBBS, MD       | Senior Resident               |
| Ms. Minu Jose Chiramel         | MBBS, MD       | Senior Resident               |
| Ms. Chandana Shajil            | MBBS, MD       | Senior Resident III           |
| Ms. Abyramy Balasundaram       | MBBS, MD       | Senior Resident III           |

## Developmental Paediatrics

|                      |                       |           |
|----------------------|-----------------------|-----------|
| Samuel Philip Oommen | MBBS, MD (Paed.), DNB | Professor |
| Ms.Beena Koshy       | MBBS, MD (Paed.)      | Professor |

|                               |                          |                           |
|-------------------------------|--------------------------|---------------------------|
| Srinivasa Raghavan R          | MBBS, MD (Paed.)         | Assistant Professor       |
| Murugan T.P                   | MBBS, MD                 | Assistant Professor       |
| MS. Sowmiya G                 | MBBS, MD                 | Senior Resident           |
| Ms.Reeba George               | MSc (App.Psy.)           | Sr. Lecturer Gr. I (NM)   |
| Ms.Hannah Grace P             | M.A (Psy.) P.G.Dip (Psy) | Lecturer Gr.I (NM)        |
| Ms.Caroline Sanjeev Padankati | M.A (Psy.) PGDMR (MR)    | Lecturer Gr.II (NM)       |
| Ms. Preethi R                 | MSc (SLP)                | Lecturer Gr.II (AHS)      |
| Ms. Rachel Beulah Jansi Rani  | MSc. (Psy.)              | Lecturer Gr.III (NM)      |
| Ms. Hannah Vinolia            | MA (Psy)                 | Senior Demonstrator Gr.IV |
| Ms. Vinodha Sherin J          | BOT                      | Tutor Gr.IV (OT)          |
| Mohana K                      | BOT                      | Tutor Gr.IV (OT)          |
| Ms. Sarah Sherlin             | BOT                      | Tutor Gr.IV (OT)          |
| Ms. Anu Jacinth Abraham       | BOT                      | Tutor Gr.IV (OT)          |
| MS. Kaviya V                  | MSc (Psy)                | Special Teacher Gr. V     |

#### Dietetics

|                  |                        |                         |
|------------------|------------------------|-------------------------|
| Ms.Jayalakshmi S | MSc (Food & Nutrition) | Sel.Gr.Sr.Lecturer (NM) |
| Ms.Manimegalai   | MSc (FSM & Diet)       | Sr.Lecturer Gr.II (NM)  |
| Ms.Jayalakshmi K | MSc (FS&N)             | Lecturer Gr.I (NM)      |
| Ms. Priya K      | MSc (F&N)              | Lecturer Gr.III (NM)    |

#### Distance Education

|                       |                            |                                      |
|-----------------------|----------------------------|--------------------------------------|
| Ms. Jachin Daniel Raj | MBBS, DNB (Fly.Med)        | Research Officer/Associate Physician |
| Ms. Sahaya Anbarasi A | MBBS, D.C.H. DNB (Fly.Med) | Research Officer/Assistant Physician |
| Ms. Beulah Raji J     | MBBS, MD (Micro.)          | Assistant Physician                  |
| Johann Alex Ebenezer  | MBBS, DPM, MD (Psych)      | Assistant Physician                  |

#### Endocrine Surgery

|                       |                |                               |
|-----------------------|----------------|-------------------------------|
| Paul M.J.             | MBBS, MS, DNB, | Professor                     |
| Deepak Thomas Abraham | MBBS, MS       | Professor                     |
| Anish Jacob Cherian   | MBBS, DNB, MCh | Associate Professor / Surgeon |
| Thomas Shawn Sam      | MBBS, MS, MCh  | Assistant Professor           |
| Supriya Sen           | MBBS, MS, MCh  | Assistant Professor           |
| Varghese Thomas       | MBBS, MS, MCh  | Assistant Professor           |

#### Endocrinology

|                             |   |                     |
|-----------------------------|---|---------------------|
| Nihal Jacob Thomas          | MBBS, MD, DNB (Endo), MNAMS (Endo) FRACP (Endo), FRCP (Ed), FRCP (Glasg), FRCP (London) Ph.D (Copenhagen) | Professor           |
| Simon Rajaratnam            | MBBS, MD, DNB (Endo), MNAMS (Endo) PhD (Endo), FRACP  | Professor           |
| Thomas V. Paul              | MBBS, MD, DNB (Endo)  | Professor           |
| Ms. Asha H S                | MBBS, DNB (Gen. Med), DNB (Endo)  | Professor           |
| Nitin Kapoor                | MBBS, MD, DM, ABBM (USA), PDF (Endo)  | Associate Professor |
| Felix Jebasingh             | MBBS, MD, DM  | Associate Professor |
| Ms. Kripa Elizabeth Cherian | MBBS, MD, DM  | Assistant Professor |
| Ms. Kalyani Sridharan       | MBBS, MD, DM  | Assistant Professor |
| Senthilraja M               | MBBS, MD, DM  | Assistant Professor |
| Sandeep Kumar Agarwal       | MBBS, MD, DM  | Senior Resident I   |

|                       |               |                     |
|-----------------------|---------------|---------------------|
| Abraham Alex Kodiatte | MBBS, MD, DNB | Senior Resident III |
|-----------------------|---------------|---------------------|

#### Endocrinology - Bio Medical Sciences

|         |          |               |
|---------|----------|---------------|
| Aaron C | MSc, PhD | Lecturer Gr.I |
|---------|----------|---------------|

#### Family Medicine

|                              |                      |                                 |
|------------------------------|----------------------|---------------------------------|
| Sunil Abraham                | MBBS, DNB            | Professor                       |
| Ms.Kirubah Vasandhi David    | MBBS, DNB            | Professor                       |
| Prince Christopher R.H.      | MBBS, DNB            | Professor                       |
| Venkatesan. S                | MBBS, DNB            | Professor                       |
| Moses Kirubairaj             | MBBS, DNB            | Associate Professor / Physician |
| Manjunath .K                 | MBBS, DNB            | Associate Professor             |
| Ms. Dimple Madhukar Jamkandi | MBBS, DNB            | Associate Professor             |
| Ms. Sajitha Parveen M.F      | MBBS, M.D (U.S.A)    | Associate Professor             |
| Yeshvanth Kumar              | MBBS, DNB            | Associate Professor             |
| Ms. Asha Elizabeth Mathew    | MBBS, DNB            | Assistant Professor             |
| Ms. Madhuri M Pai            | MBBS, DNB            | Senior Resident Gr.III          |
| MS. Parveen Sulthana S       | MBBS, DNB            | Senior Resident Gr. III         |
| Ms. Santhosh Rani S          | MBBS, DNB            | Senior Resident Gr.III          |
| K. Vivek                     | MBBS, DNB (Appeared) | Senior Resident Gr.IV           |

#### Forensic Medicine

|                           |                          |                           |
|---------------------------|--------------------------|---------------------------|
| Ms. Mousumi Sen           | MBBS, MD (Forensic Med.) | Associate Professor       |
| Latif Rajesh Johnson      | MBBS, MD (Forensic Med.) | Assistant Professor       |
| Ranjit Immanuel James P   | MBBS, MD (Forensic Med.) | Senior Resident           |
| Ms. Avila Margrat Rhoda J | MSc, FACP                | Senior Demonstrator Gr.IV |

#### General Medicine

|                            |               |                     |
|----------------------------|---------------|---------------------|
| Abraham O.C.               | MBBS, MD, MPH | Professor           |
| Anand Zachariah            | MBBS, MD, DNB | Professor           |
| Samuel George Hansdak      | MBBS, MD      | Professor           |
| Thambu David Sudarsanam    | MBBS, MD, DNB | Professor           |
| Ms.Sowmya Sathyendra       | MBBS, MD      | Professor           |
| Reginald George Alex T.    | MBBS, DNB     | Professor           |
| Ms.Ramya I.                | MBBS, MD      | Professor           |
| Ms.Sudha Jasmine           | MBBS, MD      | Professor           |
| Ronald Albert Benton Carey | MBBS, MD, DNB | Professor           |
| Ravikar Ralph              | MBBS, MD      | Associate Professor |
| Ms. Punitha J.V            | MBBS, MD      | Associate Professor |
| Turaka Vijay Prakash       | MBBS, MD      | Associate Professor |
| Tarun K George             | MBBS, MD      | Associate Professor |
| Vignesh Kumar C            | MBBS, MD      | Associate Professor |
| Karthik G                  | MBBS, MD      | Assistant Professor |
| Ms. Tina George            | MBBS, MD      | Assistant Professor |
| Audrin Lenin               | MBBS, MD      | Assistant Professor |
| Ms. Roshini Sharma         | MBBS, MD      | Assistant Professor |
| Muruga Bharathy K          | MBBS, MD      | Assistant Professor |
| Ms. Divya Elizabeth Mathew | MBBS, MD      | Assistant Professor |

|                             |           |                        |
|-----------------------------|-----------|------------------------|
| Ms. Asisha Janeela M        | MBBS, MD  | Assistant Professor    |
| Jonathan Arul Jeevan J      | MBBS, MD  | Assistant Professor    |
| John Davis Prasad           | MBBS, MD  | Assistant Professor    |
| Zacharia Mathew C           | MBBS, DNB | Assistant Professor    |
| Manoj Job S B               | MBBS, MD  | Assistant Professor    |
| Jambugulam Mohan            | MBBS, MD  | Assistant Professor    |
| Josh Thomas Georgy          | MBBS, MD  | Assistant Professor    |
| Krupa George                | MBBS, MD  | Assistant Professor    |
| Vineeth Varghese Thomas     | MBBS, MD  | Assistant Professor    |
| Ms. Manna Sera Jacob        | MBBS, MD  | Senior Resident        |
| Ms. Fibi Ninan K            | MBBS, MD  | Senior Resident        |
| Ms. Nalini Sarah Newbigging | MBBS, MD  | Senior Resident        |
| Ms. Anju Susan Jacob        | MBBS, MD  | Senior Resident        |
| Ms. Anna Paul               | MBBS, MD  | Senior Resident        |
| Ms. Amita Jacob             | MBBS, MD  | Senior Resident        |
| V K Vineeth                 | MBBS, MD  | Senior Resident Gr.III |

| General Surgery              |                           |                             |
|------------------------------|---------------------------|-----------------------------|
| Sukria Nayak                 | MBBS, MS                  | Professor                   |
| Mark Ranjan Jesudason        | MBBS, MS, DNB, FRCS (Ed.) | Professor                   |
| Inian S.                     | MBBS, MS, DNB, FRCS (Ed)  | Professor                   |
| Pranay Gaikwad               | MBBS, DNB, MNAMS          | Professor                   |
| Ms. Suchita Chase            | MBBS, MS                  | Professor                   |
| Rohin Mittal                 | MBBS, MS                  | Professor                   |
| Yacob Myla                   | MBBS, MS                  | Associate Professor/Surgeon |
| Michael Deodhar              | MBBS, MS                  | Associate Professor         |
| Cecil T. Thomas              | MBBS, MS                  | Associate Professor         |
| Gigi Varghese                | MBBS, MS                  | Associate Professor         |
| Rajat Raghunath              | MBBS, MS                  | Associate Professor         |
| Ms. Beulah Roopavathana      | MBBS, MS                  | Associate Professor         |
| Vasanth Mark Samuel          | MBBS, MS                  | Associate Professor         |
| Jonathan Sadhu               | MBBS, MS                  | Assistant Professor         |
| Rajesh Joseph Selvakumar     | MBBS, MS                  | Assistant Professor         |
| Benjamin Aditya Thomas       | MBBS, MS                  | Assistant Professor         |
| Ms. Abinaya R.N              | MBBS, MS                  | Assistant Professor         |
| Suraj S                      | MBBS, MS                  | Assistant Professor         |
| Titus D.K                    | MBBS, MS                  | Assistant Professor         |
| Srujan Lam Sharma            | MBBS, MS                  | Assistant Professor         |
| Ajith John George            | MBBS, MS                  | Assistant Professor         |
| Paul Trinity Stephen         | MBBS, MS                  | Assistant Professor         |
| Bharat S                     | MBBS, MS, PDF             | Assistant Professor         |
| Negine Paul P                | MBBS, MS                  | Assistant Professor         |
| Mithun Raam                  | MBBS, MS                  | Assistant Professor         |
| Emmanuel L                   | MBBS, MS                  | Assistant Professor         |
| Coelho Victor Viay Frederick | MBBS, MS                  | Assistant Professor         |
| Senthilnathan K              | MBBS, MS                  | Senior Resident             |
| Ms. Swarna Azaria            | MBBS, MS                  | Senior Resident             |
| Rajeevan P.S                 | MBBS, MS                  | Senior Resident             |

|                          |          |                         |
|--------------------------|----------|-------------------------|
| Gilbert Samuel Jebakumar | MBBS, MS | Senior Resident         |
| Anoop Paul               | MBBS, MS | Senior Resident         |
| Arvind Gilbert J         | MBBS, MS | Senior Resident         |
| Praveen Basker           | MBBS, MS | Senior Resident         |
| Sumit Singh              | MBBS, MS | Senior Resident Gr. III |
| Geet Midha               | MBBS, MS | Senior Resident Gr. III |

| Genito-Urinary Surgery     |                             |                     |
|----------------------------|-----------------------------|---------------------|
| Kekre Nitin Sudhakar       | MBBS, MS, DNB               | Professor           |
| Antony Devasia             | MBBS, MS, FRCSEd, MCh, FRCS | Professor           |
| Santosh Kumar              | MBBS, MS, MCh               | Professor           |
| Chandrasingh J.            | MBBS, MS, MCh               | Professor           |
| Rajiv Paul Mukha           | MBBS, MS, MCh               | Professor           |
| Nirmal T J                 | MBBS, MS, MCh               | Professor           |
| Anuj Deep Dangi            | MBBS, MS, MCh               | Professor           |
| Arun Jacob Philip George   | MBBS, MS, MCh               | Associate Professor |
| Rajadoss                   | MBBS, MS, MCh               | Associate Professor |
| Partho Mukherjee           | MBBS, MS, MCh               | Associate Professor |
| Benedict Paul Samuel       | MBBS, MS, MCh               | Associate Professor |
| Santhosh N                 | MBBS, MS, MCh               | Assistant Professor |
| Sudhindra J                | MBBS, MS, MCh               | Assistant Professor |
| Rohit Sethi                | MBBS, MS, MCh               | Assistant Professor |
| Selvin Theodore Jayanth. E | MBBS, MS, MCh               | Assistant Professor |
| Abhilash Cheriyan          | MBBS, MS, MCh               | Assistant Professor |
| Gregory Pathrose           | MBBS, MS, MCh               | Assistant Professor |

| Geriatrics                |                              |                                |
|---------------------------|------------------------------|--------------------------------|
| Prasad Mathews K.         | MBBS, MD, FRACP (Geriatrics) | Professor                      |
| Ms.Surekha Viggewarpu     | MBBS, MD                     | Professor                      |
| Gopinath K.G.             | MBBS, MD (Geriatrics)        | Professor                      |
| Benny Paul Wilson         | MBBS, MD (Geriatrics)        | Associate Professor/ Physician |
| Ms. Pranita Roy           | MBBS, MD (Geriatrics)        | Assistant Professor            |
| Rakesh Mishra             | MBBS, MD (Geriatrics)        | Assistant Professor            |
| Ms. Jini Chirackel Thomas | MBBS, MD (Geriatrics)        | Senior Resident                |

| Gynaecologic Oncology    |                              |                                |
|--------------------------|------------------------------|--------------------------------|
| Abraham Peedicayil       | MBBS, DGO, MD, MPH, MRCOG,   | Professor                      |
| Ms.Rachel George Chandy  | MBBS, DGO, MD, PDF           | Professor                      |
| Ms.Anitha Thomas         | MBBS, DGO, MD, DNB, PDF, MCh | Surgeon/Assoc.Professor        |
| Ms. Vinotha              | MBBS, DGO, DNB, MCh.,        | Asst. Prof. /Associate Surgeon |
| Ajit Sabastian           | MBBS, DGO, MS, PDF           | Associate Professor            |
| Ms. Dhanya Susan Thomas  | MBBS, MS, PDF                | Assistant Professor            |
| Karthik Chandra Bassetty | MBBS, MS                     | Senior Resident Gr. III        |

| Hand & Leprosy Reconstructive Surgery |  |                        |
|---------------------------------------|--|------------------------|
| Binu Prathap Thomas                   | MBBS, D Orth, MS (Orth) PDFHS,             | Professor              |
| Samuel Chandrasekhara Raj             | MBBS, D Orth, DNB(Orth.), PDFHS (USA), MCh | Professor              |
| Anil Mathew                           | MBBS, D.Ortho, MS (Ortho), FHS             | Assoc. Surg./Sr.Reg.PG |

|                   |                              |                             |
|-------------------|------------------------------|-----------------------------|
| Kiran Sasi P      | MBBS, D.Orth. MS             | Asst.Surg.Gr.I/Sr.Reg.PG    |
| Sreekanth R       | MBBS, MS, (Ortho)            | Associate Professor/Surgeon |
| Karampreet Singh  | MBBS, DNB, MCh (Plastic Sur) | Assistant Professor         |
| Kathir Joyson D.R | MBBS, MS                     | Assistant Surgeon           |

| Head & Neck Surgery |               |                     |
|---------------------|---------------|---------------------|
| Rajiv C Michael     | MBBS, DLO, MS | Professor           |
| Rajinikanth J.      | MBBS, MS      | Professor           |
| Amit Jiwan Tirkey   | MBBS, MS      | Professor           |
| Ms. Konduru Vidya   | MBBS, MS, PDF | Assistant Professor |
| Suresh M            | MBBS, MS      | Assistant Professor |

| Hepato Pancreato Biliary (HPB) Surgery |                    |                                   |
|--|--------------------|-----------------------------------|
| Philip Joseph                          | MBBS, MS           | Professor                         |
| Sitaram V                              | MBBS, MS           | Professor                         |
| Ravish Sanghi Raju                     | MBBS, MS, DNB, MCh | Professor                         |
| Manbha L. Rymbai                       | MBBS, MS, MCh.     | Assistant Professor/ Assoc. Surg. |
| Ms. Aparna M                           | MBBS, MS, PDF      | Assistant Professor               |
| Ms. Abhilasha Anand                    | MBBS, DNB, PDF     | Senior Resident Gr.III            |

| Hepatology            |                   |                                   |
|-----------------------|-------------------|-----------------------------------|
| Eapen C.E.            | MBBS, MD, DM, DNB | Professor                         |
| Uday George Zachariah | MBBS, MD, DM      | Professor                         |
| Ashish Kumar Goel     | MBBS, MD, DM      | Professor                         |
| Anand Sharma          | MBBS, MD, DM      | Assistant Professor               |
| Vijay Alexander       | MBBS, MD          | Asst.Physician Gr.II / Sr.Reg. PG |

| Hospital Management Studies |  |                                  |
|-----------------------------|--|----------------------------------|
| Samuel N.J. David           | M.A (Eco), M.A (PM & IR), M.Sc., (Psy), MBA, M.Phil (HHSM), DD | Sr. Manager (Mgt. Studeis & H.R) |

| Infectious Diseases |                 |                                   |
|---------------------|-----------------|-----------------------------------|
| Ms.Priscilla Rupali | MBBS, MD, DTM&H | Professor                         |
| George M. Varghese  | MBBS, MD, DNB   | Professor                         |
| Rajiv Karthik       | MBBS, MD, DM    | Physician/Assoc. Professor        |
| Ms. Divya Deodhar   | MBBS, MD, PDFID | Associate Professor               |
| Abi Manesh S        | MBBS, MD, DM    | Assistant Professor / Assoc. Phy. |
| Ms. Rebecca John    | MBBS, MD        | Senior Resident Gr. III           |

| Library            |  |                      |
|--------------------|--|----------------------|
| Azariah Jeba Kumar | M Com, MLIS, CRNBM, M.Phil, PhD          | Sr.Librarian Gr I    |
| Senthil Kumar R    | B.Sc (Lib & Info), M.L.I.S., M.Phil, PhD | Sr. Librarian Gr.III |
| Samuel Raja D      | BA, MLIS, PGDLAN                         | Sr. Librarian Gr.III |

| Medical Gastroenterology |              |           |
|--------------------------|--------------|-----------|
| Joseph A.J.              | MBBS, MD, DM | Professor |
| Ebby George Simon        | MBBS, MD, DM | Professor |
| Amit Kumar Dutta         | MBBS, MD, DM | Professor |



|                        |                    |                                    |
|------------------------|--------------------|------------------------------------|
| Sudipta Dhar Chowdhury | MBBS, MD, DM       | Professor                          |
| Reuben Thomas Kurien   | MBBS, MD, DM       | Professor                          |
| Deepu David            | MBBS, MD, DM       | Associate Professor                |
| Rajeeb Jaleel          | MBBS, MD, DM       | Assistant Professor                |
| Rajesh S               | MBBS, MD, DM       | Assistant Professor                |
| Rajeev S A             | MBBS, MD, DM       | Assistant Professor                |
| Anoop John             | MBBS, MD, DM       | Assistant Professor                |
| Ajith Thomas           | MBBS, MD, DM       | Assistant Professor                |
| Lalji Patel            | MBBS, MD, DM       | Assistant Professor                |
| Anand Vimal Dev        | MBBS, MD, DM       | Assistant Professor                |
| Santhosh Kumar E       | MBBS, MD (Gen.Med) | Asst.Phy Gr.I / Sr.Registrar (PG)  |
| John Titus George      | MBBS, MD (Gen.Med) | Asst.Phy Gr.II / Sr.Registrar (PG) |

#### Medical Gastroenterology - Bio Medical Sciences

|             |                            |               |
|-------------|----------------------------|---------------|
| Santhosh S. | M.Sc., Ph.D.(Bio.Med.Sci.) | Lecturer Gr.I |
|-------------|----------------------------|---------------|

#### Medical Genetics

|                 |              |                     |
|-----------------|--------------|---------------------|
| Ms.Sumita Danda | MBBS, MD, DM | Professor           |
| Sony            | MBBS, MD     | Assistant Physician |

#### Medical Genetics - Bio Medical Sciences

|             |           |       |
|-------------|-----------|-------|
| Ms. Rekha A | MSc, Ph.D | Tutor |
|-------------|-----------|-------|

#### Medical Oncology

|                        |                                     |  |
|------------------------|-------------------------------------|--|
| Raju Titus Chacko      | MBBS, MD (Gen. Med)                 | Professor                              |
| Ashish Singh           | MBBS, MD (Gen. Med), DM (Med. Onc.) | Assistant Professor / Assoc. Physician |
| Ms. Anjana Joel        | MBBS, MD (Gen. Med)                 | Assistant Professor                    |
| Ms. Divya Bala Thumaty | MBBS, MD (Gen. Med)                 | Assistant Physician                    |
| Ajoy Oommen John       | MBBS, MD (Gen. Med)                 | Assistant Physician                    |
| George John            | MBBS, MD (RT)                       | Senior Resident Gr.III                 |
| Ashvin Jeberson Paul   | MBBS, MD (Gen. Med)                 | Senior Resident Gr. III                |

#### Medical Records

|                       |                       |                   |
|-----------------------|-----------------------|-------------------|
| Ms.Santhi Elizabeth   | BA, BMRSc             | Sr.Sel. Gr. Tutor |
| Ms.Esther Kezia Patel | BA, BMRSc, M.A (Eng.) | Sr.Sel. Gr. Tutor |

#### Microbiology

|                          |                                   |                     |
|--------------------------|-----------------------------------|---------------------|
| Ms.Gagandeep Kang        | MBBS, MD (Micro), MRC (Path), PhD | Professor           |
| Balaji V.                | MBBS, MD, PhD                     | Professor           |
| Ms. Joy Sarojini Michael | MBBS, MD, FRC (Path)              | Professor           |
| John Antony Jude Prakash | MBBS, MD                          | Professor           |
| Ms.Sitara Swarna Rao A   | MBBS, MD (Micro)                  | Professor           |
| Ms.Rani Diana Sahni      | MBBS, MD                          | Professor           |
| Binesh Lal Y             | MBBS, MD                          | Professor           |
| Sudhir Babji             | MBBS, MD (Micro)                  | Professor           |
| Ms. Beula Subashini P.   | MBBS, MD                          | Associate Professor |
| Ms. Marilyn Mary Ninan   | MBBS, MD                          | Associate Professor |
| Ms. Hema Paul            | MBBS, MD                          | Assistant Physician |

|                           |                  |                     |
|---------------------------|------------------|---------------------|
| Ms. Susmitha Karunasree P | MBBS, MD         | Assistant Professor |
| Ms. Lydia Jennifer S      | MBBS, MD         | Assistant Professor |
| Ms. Dhanalakshmi S        | MBBS, MD         | Assistant Professor |
| Dilip Abraham             | MBBS, MD (Micro) | Assistant Professor |
| Ms. Malathi M             | MBBS, MD         | Senior Resident III |
| Ms. Ann Susan Sam         | MBBS, MD         | Senior Resident III |
| Ms.Promila Mohanraj       | MSc, Ph.D        | Lecturer            |
| Ms.Inbamalar Arulselvi    | MSc              | Lecturer            |
| Ms. Baby Abirami S        | MSc              | Lecturer            |
| Ms. Rosemol Varghese      | MSc              | Lecturer            |

| Neonatology             |                                 |                     |
|-------------------------|---------------------------------|---------------------|
| Kurien Anil Kuruvilla   | MBBS, MD (Paed), DCH, Mphil     | Professor           |
| Santhanam Sridhar S.    | MBBS, DCH, DNB (Paed.)          | Professor           |
| Manish Kumar            | MBBS, MD, DM                    | Associate Professor |
| Benjamin Jeyanth Ross   | MBBS, MD (Paed), DCH, SANTP, DM | Assistant Professor |
| Shanu Chandran          | MBBS, MD, DM                    | Assistant Professor |
| Ms. Mintoo M Tergestina | MBBS, DCH, MD, DM               | Assistant Professor |
| Ms. Nithya J P          | MBBS, DCH, MD (Paed)            | Assistant Professor |
| Ms. Hima                | BOT                             | Tutor Gr.III (OT)   |
| Ms. Suja Angelin C      | BOT                             | Tutor Gr.IV (OT)    |

| Nephrology            |               |                               |
|-----------------------|---------------|-------------------------------|
| Santosh Varghese      | MBBS, MD, DM  | Professor                     |
| Vinoi George David    | MBBS, MD, DM  | Professor                     |
| Ms.Suceena Alexander  | MBBS, MD, DM  | Professor                     |
| Anna T. Valson        | MBBS, MD, DM  | Professor                     |
| Shibu Jacob           | MBBS, MD, DM  | Assistant Professor           |
| Elenjickal Elias John | MBBS, MD, DM  | Assistant Professor           |
| Jeethu Joseph Eapen   | MBBS, MD, DM  | Assistant Professor           |
| Athul Thomas          | MBBS, MD, DM  | Assistant Professor           |
| Annamalai V C         | MBBS, MD, DM  | Assistant Professor           |
| Ms. Sabina Yusuf      | MBBS, MD, DNB | Assistant Professor           |
| Selvin Sundar Raj M   | MBBS, MD      | Asst. Phy.Gr.I / Sr.Reg. (PG) |

| Nephrology - Bio Medical Sciences |                  |               |
|-----------------------------------|------------------|---------------|
| Vijayakumar T.S.                  | MSc, M.Phil. PhD | Sr. Scientist |

| Neurosurgery        |               |                     |
|---------------------|---------------|---------------------|
| Vedantam Rajshekhar | MBBS, MCh     | Professor           |
| Ari George Chacko   | MBBS, MCh     | Professor           |
| Mathew Joseph       | MBBS, MCh     | Professor           |
| Baylis Vivek Joseph | MBBS, MCh     | Professor           |
| Ranjit K. Moorthy   | MBBS, MCh     | Professor           |
| Krishna Prabhu      | MBBS, MCh     | Professor           |
| Bijesh R.           | MBBS, MS, MCh | Associate Professor |
| Edmond Jonathan G   | MBBS, MCh     | Associate Professor |
| Manish Baldia       | MBBS, MCh     | Assistant Professor |

|                        |           |                     |
|------------------------|-----------|---------------------|
| Ankush Gupta           | MBBS, MCh | Assistant Professor |
| Tony Varghese Panicker | MBBS, MCh | Assistant Professor |
| Irwin P.T              | MBBS, MCh | Assistant Professor |

#### Neurology

|                                 |                   |                         |
|---------------------------------|-------------------|-------------------------|
| Sanjit Aaron                    | MBBS, MD, DM      | Professor               |
| Vivek Mathew                    | MBBS, MD, DM, DNB | Professor               |
| Ajith Sivadasan                 | MBBS, MD, DM      | Professor               |
| Prabhakar A.T                   | MBBS, MD, DM      | Associate Professor     |
| Rohit Ninan Benjamin            | MBBS, MD, DM      | Associate Professor     |
| Ms. Donna Mathew                | MBBS, MD, DM      | Assistant Professor     |
| Shaikh Atif Iqbalahmed          | MBBS, DNB, DM     | Assistant Professor     |
| Arun Mathai Mani                | MBBS, MD, DM      | Assistant Professor     |
| Ashish Vijayaraghavan           | MBBS, MD, DM      | Assistant Professor     |
| Aditya Vijaykrishnan Nair       | MBBS, MD, D.M     | Assistant Professor     |
| Pullumpallil Thomas Alexander   | MBBS, MD, DM      | Assistant Professor     |
| Ms. Angel Miraclin Jebakumari T | MBBS, MD          | Asst.Phy.Gr.I/Sr.Reg.PG |
| Ms. Deepti Bal                  | MBBS, MD          | Asst.Phy.Gr.I/Sr.Reg.PG |

#### Paediatric Neurology

|                     |                          |           |
|---------------------|--------------------------|-----------|
| Ms.Maya Mary Mathew | MBBS, MD (Paed), DCH, DM | Professor |
| Karthik M.          | MBBS, MD, DM             | Professor |
| Ms. Sangeetha Y     | MBBS, MD, DNB, DM        | Professor |

#### Neurological Sciences - Bio Medical Science

|                            |   |                           |
|----------------------------|---|---------------------------|
| Srinivasa Babu K           | M.Sc., M.Phil., P.hd.,                        | Sr. Scientist / Professor |
| Christhunesa Soundarajan C | M.Sc., (Bio-Chem), Ph.D,                      | Professor                 |
| Prabhakaran V              | MSc., (Biochem), Ph.D,                        | Associate Professor       |
| R V Rajesh                 | MSc., (Micro), Ph.D,                          | Lecturer Gr.II            |
| Ms. Mahalakshmi            | MSc, (Bio Chem), P.hd.,(Bio Chem.)            | Lecturer (NM) Gr.I        |
| Anirudha Koshy George      | M.Sc., (Psych.) MPhil., (M.H & Social Psych.) | Reader Gr.II (AH)         |

#### Nuclear Medicine

|                       |  |                     |
|-----------------------|--|---------------------|
| Regi Oommen           | MBBS, DMRT, MD, DRM                    | Professor           |
| Ms.Nylla Shanthly     | MBBS, DRM                              | Physician           |
| Ms.Julie Hephzibah    | MBBS, MD, DNB (RT), DNB (Nuclear Med.) | Professor           |
| David Mathew          | MBBS, DMRT, MD (RT)                    | Assistant Professor |
| Ms. Saumya Sara Sunny | MBBS, MD                               | Assistant Professor |
| Justin Benjamin       | MBBS, MD                               | Senior Resident     |

#### Obstetrics & Gynaecology

|                          |                    |           |
|--------------------------|--------------------|-----------|
| Ms.Aruna Nitin Kekre     | MBBS, MD           | Professor |
| Ms.Annie Philip Villoth  | MBBS, DGO, MD      | Professor |
| Ms.Jiji Elizabeth Mathew | MBBS, DGO, MD      | Professor |
| Ms.Jessie Lionel         | MBBS, DGO, MD, DNB | Professor |
| Ms.Lilly Varghese        | MBBS, MD           | Professor |
| Ms.Elsy Thomas           | MBBS, DGO, MD      | Professor |
| Ms.Manisha Madhai Beck   | MBBS, MD           | Professor |

|                            |               |                        |
|----------------------------|---------------|------------------------|
| Santhosh Joseph Benjamin   | MBBS, MS      | Professor              |
| Ms. Swati Rathore          | MBBS, MS      | Professor              |
| Vaibhav Londhe             | MBBS, MD      | Professor              |
| Ms. Anuja Abraham          | MBBS, DGO, MD | Professor              |
| Ms.Reeta Vijayaselvi. P.R  | MBBS, DGO, MD | Associate Professor    |
| Ms. Anne George Cherian    | MBBS, MD      | Associate Professor    |
| Ms. Preethi R.N.           | MBBS, DGO, MD | Associate Professor    |
| Ms. Emily Divya Ebenezer   | MBBS, DGO, MS | Associate Professor    |
| Ms. Liji Sarah David       | MBBS, DGO, MD | Associate Professor    |
| Dibu Sam                   | MBBS, DGO, MD | Assistant Professor    |
| Ms. Beena K                | MBBS, DGO, MS | Assistant Professor    |
| Ms. Kavitha Abraham        | MBBS, DGO, MS | Assistant Professor    |
| Ms. Annie Prasanthi V      | MBBS, DGO, MS | Assistant Professor    |
| Ms. Smitha Elizabeth Jacob | MBBS, DGO, MS | Assistant Professor    |
| Ms. Tobey Ann Marcus       | MBBS, DGO, MS | Assistant Professor    |
| Ms. Hilda Yenuberi         | MBBS, DGO, MS | Assistant Professor    |
| Ms. Varunashree N D        | MBBS, MS      | Assistant Professor    |
| Ms. Pushplata Kumari       | MBBS, DGO, MS | Assistant Professor    |
| Ms. Nanthini V             | MBBS, DGO, MS | Assistant Professor    |
| Ms. Richa Sasmita Tirkey   | MBBS, DGO, MS | Assistant Professor    |
| Ms. Minakashi Kumari       | MBBS, DGO, MS | Assistant Professor    |
| Ms. Anita Shirley D        | MBBS, MD      | Senior Resident        |
| Ms. Tanusha Ruth Das       | MBBS, DGO, MS | Senior Resident        |
| Ms. Saloni                 | MBBS, MD      | Senior Resident Gr.III |

#### Ophthalmology

|                              |                    |                               |
|------------------------------|--------------------|-------------------------------|
| Braganza Andrew David        | MBBS, MS           | Professor                     |
| Lekha MaryAbraham            | MBBS, DO, DNB      | Professor                     |
| Ms.Sanita Mary George Korah  | MBBS, DO, MS       | Professor                     |
| Ms.Sheeja Susan John         | MBBS, DO, MS, FRCS | Professor                     |
| Ms.Padma Paul                | MBBS, DO, MS, MPH  | Professor                     |
| Ms.Smitha Jasper             | MBBS, MS           | Professor                     |
| Ms.Arathi Simha              | MBBS, DO, MS       | Professor                     |
| Saban Horo                   | MBBS, MS           | Associate Professor           |
| Ms.Deepa John                | MBBS, DO, MS       | Associate Professor           |
| Jeyanth Suresh Rose          | MBBS, MS           | Associate Professor           |
| Ms.Jayanthi Peter            | MBBS, DO, MS       | Associate Professor           |
| Satheesh Solomon T Selvin    | MBBS, DO, MS       | Associate Professor / Surgeon |
| Ms.Anupriya Arthur           | MBBS, DO, MS       | Associate Professor           |
| Ms.Anika Amritanand          | MBBS, MS.          | Associate Professor           |
| Ms. Sonika Porwal Baldia     | MBBS, MS           | Assistant Professor           |
| Ms. Alo Sen                  | MBBS, DO, MS       | Assistant Professor           |
| Ms. Deepthi Elizabeth Kurian | MBBS, MS           | Assistant Professor           |
| Talluri Jeevaratnam          | MBBS, DO, MS, DNB  | Assistant Professor           |
| Ms. Prathibha Roy P          | MBBS, DO, MS       | Senior Resident               |
| Joel Antony Kavalakatt       | MBBS, MS           | Senior Resident               |
| Ms. Lalgudi Sharmili Sekar   | MBBS, DO, MS       | Senior Resident               |
| Ms. Deepa Jose               | MBBS, MS           | Senior Resident Gr. III       |

|                      |                           |                         |
|----------------------|---------------------------|-------------------------|
| Bharath Kumar K      | MBBS, MS                  | Senior Resident Gr. III |
| Ms. Maria Priyanka T | MBBS, MS                  | Senior Resident Gr. III |
| Ms.Evon Selina Kujur | BSc.(Clin.Opto), Dip.Opto | Sel.Gr. (Tutor) Gr.II   |

| Orthopaedics             |   |                               |
|--------------------------|---|-------------------------------|
| Alfred Job Daniel        | MBBS, D Orth, MS, DNB                       | Professor                     |
| Vijay T K Titus          | MBBS, D Orth, MS, DNB                       | Professor                     |
| Vinoo Mathew Cherian     | MBBS, D Orth, MS, DNB                       | Professor                     |
| Kenny Samuel David       | MBBS, MS                                    | Professor                     |
| Thilak S Jepegnanam      | MBBS, D Orth, MS                            | Professor                     |
| Venkatesh K.             | MBBS, D Orth, DNB                           | Professor                     |
| Manasseh Nithyananth.J   | MBBS, D Orth, MS                            | Professor                     |
| Pradeep Mathew Poonnoose | MBBS, D.Orth.MS, DNB, DNB (PMR), Dip.Rehab. | Professor                     |
| Anil Thomas Oommen       | MBBS, MS, DNB                               | Professor                     |
| Rohit Amritanand         | MBBS, MS                                    | Professor                     |
| Sumant Samuel            | MBBS, MS                                    | Professor                     |
| Thomas Matthai           | MBBS, D Orth, MS                            | Professor                     |
| Justin Arokia Raj S.V    | MBBS, D.Ortho. MS                           | Associate Professor / Surgeon |
| Viju Daniel Varghese     | MBBS. D.Orth. MS                            | Associate Professor           |
| Sandeep Albert           | MBBS,MS                                     | Associate Professor           |
| Kaushik Bhowmick         | MBBS, D.Ortho. MS                           | Associate Professor           |
| Abel Livingston          | MBBS, MS                                    | Associate Professor           |
| Dan Barnabas Inja        | MBBS, D.Orth. MS                            | Assistant Professor           |
| Chandrasekaran. G        | MBBS, MS                                    | Assistant Professor           |
| Santhosh Kumar G         | MBBS, MS                                    | Assistant Professor           |
| Jeremy Bliss             | MBBS, MS                                    | Assistant Professor           |
| Elancherai A.N           | MBBS, MS                                    | Assistant Professor           |
| Chandy V J               | MBBS, MS                                    | Assistant Professor           |
| Hariharan T D            | MBBS, D.Ortho, MS                           | Assistant Professor           |
| Bhim Bahadur Harijan     | MBBS, MS                                    | Assistant Professor           |
| Anand A                  | MBBS, MS                                    | Assistant Professor           |
| Roncy Savio Kuruvilla    | MBBS, DNB                                   | Assistant Professor           |
| Pavan Kumar Reddy T      | MBBS, MS                                    | Senior Resident               |
| Arun Shankar             | MBBS, D.Ortho, MS                           | Senior Resident               |
| Vijay Alagar D           | MBBS, MS                                    | Senior Resident               |
| Balaji B                 | MBBS, MS                                    | Senior Resident               |
| G. Krupakaran            | MBBS, DNB                                   | Senior Resident Gr.III        |
| Rahul George             | MBBS, MS                                    | Senior Resident Gr.III        |
| Aby Joseph               | MBBS, MS                                    | Senior Resident Gr.III        |
| Jozy Timothy N           | MBBS, D. Ortho, DNB                         | Senior Resident Gr.III        |
| Ghouse Ahmed Peer        | MBBS, MS                                    | Senior Resident Gr.III        |
| Ms. Manisha J Kumar      | MBBS, D.Ortho, DNB(Ortho)                   | Senior Resident Gr.III        |
| Mula Jonathan Reddy      | MBBS, D.Ortho, DNB(Ortho)                   | Senior Resident Gr.IV         |

| Paediatric Orthopaedics |                              |           |
|-------------------------|------------------------------|-----------|
| Ms.Vrisha Madhuri       | MBBS, D Orth, MS, MCh (Orth) | Professor |
| Thomas Palocaren        | MBBS, D Orth, M.S            | Professor |
| Abhay Gahukamble Deodas | MBBS, D Orth, MS             | Professor |

|                 |                   |                     |
|-----------------|-------------------|---------------------|
| Deeptiman James | MBBS, D.Ortho, MS | Assistant Professor |
|-----------------|-------------------|---------------------|

| Oto-Rhino-Laryngology, Speech & Hearing |                                 |                        |
|---|---------------------------------|------------------------|
| Ms.Rupa V                               | MBBS, DLO, MS                   | Professor              |
| Ms.Rita Ruby Anbuselvi A.               | MBBS, DLO, MS,DNB, FRCS (Glasg) | Professor              |
| Ajoy Mathew Varghese                    | MBBS, MS                        | Professor              |
| Ms.Suma Susan Mathews                   | MBBS, DLO, MS                   | Professor              |
| Regi Thomas                             | MBBS, DLO, DNB                  | Professor              |
| Ms.Anjali Lepcha                        | MBBS, MS, DNB                   | Professor              |
| Ms.Mary John                            | MBBS, DLO, MS                   | Professor              |
| Regi Kurien                             | MBBS, MS                        | Professor              |
| Ms.Lalee Varghese                       | MBBS, DLO,MS, DNB               | Professor              |
| Rajan Sundaresan                        | MBBS, DLO, MS                   | Professor              |
| Ms. Ann Mary Augustine                  | MBBS, DLO, MS                   | Professor              |
| Naina Emmanuel                          | MBBS, DLO, MS                   | Associate Professor    |
| Ms. Roshna Rose Paul                    | MBBS, MS                        | Associate Professor    |
| Ms. Lisa Mary Cherian                   | MBBS,DLO,MS                     | Assistant Professor    |
| Syed Kamran Asif                        | MBBS, MS, PDF                   | Assistant Professor    |
| Ajay Philip                             | MBBS, DLO, MS                   | Assistant Professor    |
| John Mathew                             | MBBS, DLO, MS                   | Assistant Professor    |
| Ms. Kati Blessi Sara                    | MBBS, MS                        | Assistant Professor    |
| Ms. Manju Deena Mammen                  | MBBS, DLO, MS, PDF              | Assistant Professor    |
| Sheth Meet Chetan                       | MBBS, MS, PDF                   | Assistant Professor    |
| Jeyashanth Riju J                       | MBBS, MS                        | Assistant Professor    |
| Rhesa Noel Veerabattini                 | MBBS, MS                        | Assistant Professor    |
| Habie Thomas Samuel                     | MBBS, MS, PDF                   | Senior Resident        |
| Ms. Zoremsangi                          | MBBS, MS                        | Senior Resident        |
| Justin Ebenezer Sargunaraj J            | MBBS, DLO, MS                   | Senior Resident        |
| Ms. Lisa Abraham                        | MBBS, DLO, MS                   | Senior Resident        |
| Ms. Leah Thomas                         | MBBS, MS                        | Senior Resident        |
| Vikram M                                | MBBS, MS, PDF                   | Senior Resident Gr.III |
| Ms. Joby Elizabeth Ninan                | MBBS, DLO, MS                   | Senior Resident Gr.III |
| Rajat Basak                             | MBBS, DNB                       | Senior Resident Gr.III |
| Ms. Anu Ann Alex                        | MBBS, MS                        | Senior Resident Gr.III |
| Ms. Raga Panicker                       | MBBS, MS                        | Senior Resident Gr.III |
| Ms. Elaprolu Snigdha                    | MBBS, MS                        | Senior Resident Gr.III |
| Antony Abraham Paulose                  | MBBS, MS                        | Senior Resident Gr.III |
| Roby Thomas Koshy                       | MBBS, MS                        | Senior Resident Gr.III |
| Ms. Ranju R L                           | MBBS, MS                        | Senior Resident Gr.III |
| Ms. Sweta Colvin                        | MBBS, MS                        | Senior Resident Gr.III |
| Ms. Nithya Sara Mani                    | MBBS, MS                        | Senior Resident Gr.IV  |
| Prahaakharan J                          | MBBS, MS                        | Senior Resident Gr.IV  |

| Oto-Rhino-Laryngology, Speech & Hearing - Audiology Speech & Language Pathology |                              |                     |
|---|------------------------------|---------------------|
| Ms. Swapna Sebastian  | MSc, Ph.D (Speech & Hearing) | Professor (NM)      |
| Philip Thomas   | MASLP                        | Lecturer Gr.II (AH) |
| Ms.Sneha Philip   | MASLP                        | Lecturer Gr.II (AH) |
| Ramanadham Thejesh  | MASLP                        | Lecturer Gr.II (AH) |

|                            |       |                      |
|----------------------------|-------|----------------------|
| Ms. Phebe Evangeline Sajja | MASLP | Lecturer Gr.III (AH) |
|----------------------------|-------|----------------------|

| Paediatric Surgery             |                    |                                |
|--------------------------------|--------------------|--------------------------------|
| Immanuel Sampath Karl          | MBBS, MS, MCh      | Professor                      |
| John Mathai                    | MBBS, MS, DNB, MCh | Professor                      |
| Sundeeep M.C. Kisku            | MBBS, MS, M.Ch     | Professor                      |
| Ravi Kishore B.S.S.            | MBBS, MS, M.Ch     | Professor                      |
| Bal Harshjeet Singh            | MBBS, MS, M.Ch     | Professor                      |
| Susan Jehangir Homi            | MBBS, MS, M.Ch     | Associate Professor            |
| Juju Jacob Kurian              | MBBS, MS, M.Ch     | Associate Professor            |
| Tarun John Kochukaleekal Jacob | MBBS, MS, M.Ch     | Associate Professor            |
| John K Thomas                  | MBBS, MS, M.Ch     | Assistant Professor            |
| Vivek Samuel Gaikwad           | MBBS, MS, M.Ch     | Assistant Professor            |
| Ashish Sam Samuel              | MBBS, MS           | Asst.Surgeon II / Sr.Reg. (PG) |

| Paediatrics                       |                                       |                     |
|-----------------------------------|---------------------------------------|---------------------|
| Ms.Anna Simon                     | MBBS, MD, DCH, FRCP (ED)              | Professor           |
| Ms.Indira Gupta                   | MBBS, MD                              | Professor           |
| Ms.Leni Grace Mathew              | MBBS, MD, DCH, MRCPCH                 | Professor           |
| Ms.Kala Ranjini Sundaravalli      | MBBS, MD, DCH                         | Professor           |
| Valsan Philip Verghese            | MBBS, MD , DCH                        | Professor           |
| Ms.Sneha Deena Varkki             | MBBS, DCH, DNB                        | Professor           |
| Satish Kumar T.                   | MBBS, MD, DCH                         | Professor           |
| Ebor Jacob Gnananayagam J.        | MBBS, DCH, DNB                        | Professor           |
| Ms.Mona Matilda Baskar            | MBBS, MD, DCH, FIAM                   | Professor           |
| Ms.Sarah Mathai                   | MBBS, DCH, DNB, Ph.D (Paeds.Auckland) | Professor           |
| Winsley Rose                      | MBBS, MD                              | Professor           |
| Ms. Sophy Korula                  | MBBS, DCH, MD                         | Professor           |
| Debasis Das Adhikari              | MBBS, DCH, DNB                        | Professor           |
| Ms. Jolly Chandran                | MBBS, DCH, MD                         | Associate Professor |
| Ms.Anila Chacko                   | MBBS, DCH, MD                         | Associate Professor |
| Ms.Rikki Rorima Rongong           | MBBS, DCH, DNB                        | Associate Professor |
| Anu Punnen K                      | MBBS, MD                              | Associate Professor |
| Ms. Deepthi Boddu                 | MBBS, DNB, DM                         | Associate Professor |
| Arul Premanand Lionel             | MBBS, DCH, DNB                        | Associate Professor |
| Ms.Urmi Ghosh                     | MBBS, DCH, DNB                        | Assistant Professor |
| MS. Roshini Julia Rajan           | MBBS, DNB                             | Assistant Professor |
| Sathish Kumar L                   | MBBS, DCH, MD                         | Assistant Professor |
| Ms. Magdalenal R                  | MBBS, DCH, MD                         | Assistant Professor |
| MS. Reshma A                      | MBBS, MD, DM                          | Assistant Professor |
| Ms. Leenu Lizabeth Joseph         | MBBS, DCH, MD                         | Assistant Professor |
| Ms. Cheryl Tryphena B             | MBBS, DCH, MD                         | Assistant Professor |
| Leenath T.V                       | MBBS, DCH, MD                         | Assistant Professor |
| Ms. Priyanka Vandana Sukesh Pande | MBBS, DCH, MD                         | Assistant Professor |
| Georgie Mathew                    | MBBS, MD                              | Assistant Physician |
| Koshy Alan Valiaveetil            | MBBS, MD                              | Assistant Professor |
| Ms. Esther A                      | MBBS, DCH, MD                         | Assistant Professor |
| Ms. Hema N.S                      | MBBS, MD                              | Assistant Professor |

|                             |                               |                        |
|-----------------------------|-------------------------------|------------------------|
| Ms. Chinta Anniejyothirmaye | MBBS, DCH, MD                 | Assistant Professor    |
| Madhan Kumar P              | MBBS, DCH, MD                 | Assistant Professor    |
| George Ipe Vettiyil         | MBBS, DCH, MD                 | Assistant Professor    |
| Ms. Nithya S                | MBBS, DCH, MD                 | Assistant Professor    |
| Anish Sam George            | MBBS, MD                      | Assistant Professor    |
| Praveen George Paul         | MBBS, DCH, MD                 | Assistant Professor    |
| A S Siva Prasad Vyasam      | MBBS, DCH, MD                 | Assistant Professor    |
| Sidharth Totadri            | MBBS, MD, DM                  | Assistant Professor    |
| Ms. Lankala Pramitha        | MBBS, MD                      | Assistant Professor    |
| Ms. Deepthi R V             | MBBS, MD (Paeds), DM (Nephro) | Senior Resident        |
| Suresh M                    | MBBS, MD, PDF                 | Senior Resident        |
| Ms. Priyanka Medhi          | MBBS, MD                      | Senior Resident        |
| Pai Kunal Ganesh            | MBBS, DNB                     | Senior Resident        |
| Ms. Asha Jyothi Penugonda   | MBBS, DCH, MD                 | Senior Resident        |
| Ms. Reshmi Y S              | MBBS, MD                      | Senior Resident        |
| Abhishek Chakraborty        | MBBS, MD                      | Senior Resident Gr.III |
| Sachin George               | MBBS, DNB                     | Senior Resident Gr.III |
| Anish George Paul           | MBBS, MD                      | Senior Resident Gr.III |
| Kanagagiri R                | MBBS, MD                      | Senior Resident Gr.III |
| A Jayaraj Prem Kumar        | MBBS, MD (Paeds)              | Senior Resident Gr.III |
| Prakash P                   | MBBS, MD (Paed)               | Senior Resident Gr.III |
| Ms. Eda Shekinah Phibe      | MBBS, DCH                     | Senior Resident V      |
| Ms. Anna Joseph             | MBBS, DCH                     | Senior Resident V      |
| Derrick John Johnson        | MBBS, DCH                     | Jr.Resident Gr.I       |
| Ms. Raja Rajeswari R        | MBBS, DCH                     | Jr. Resident Gr. I     |
| Jason Raymond J             | BOT                           | Tutor Gr.IV (OT)       |

#### Palliative Care Unit

|                       |                             |                         |
|-----------------------|-----------------------------|-------------------------|
| Ms.Jenifer Jeba S.    | MBBS, MD (RT)               | Professor               |
| Ms. Annie Jacob       | MA (Psychology)             | Lecturer Gr.I (NM)      |
| Ms. Amritha Vasudevan | MBBS, DNB (Family Medicine) | Senior Resident Gr. III |
| Ms. Susithra D N      | MBBS, DGO                   | Junior Resident Gr.I    |

#### Pathology

|                            |                        |                           |
|----------------------------|------------------------|---------------------------|
| Ms.Geeta Chacko            | MBBS, MD, Ph.D         | Professor                 |
| Ms.Anna B Pulimood         | MBBS, MD, (Path), Ph.D | Professor                 |
| Ms.Ramani Manoj Kumar      | MBBS, MD               | Physician/Assoc.Professor |
| Ms.Marie Therese Manipadam | MBBS, MD, DNB          | Professor                 |
| Ms.Meera Rajan Peter K.    | MBBS, MD (Path)        | Professor                 |
| Ms.Anne Jennifer Priscilla | MBBS, MD               | Professor                 |
| Ms. Dipti Masih            | MBBS, MD               | Associate Professor       |
| Thomas Alex Kodiatte       | MBBS, MD               | Associate Professor       |
| Elanthendral               | MBBS, MD               | Associate Professor       |
| Telugu Ramesh Babu         | MBBS, MD               | Associate Professor       |
| Ms. Smita Mary Matthai     | MBBS, DCP, MD,         | Assistant Professor       |
| Jagan. C                   | MBBS, MD               | Assistant Professor       |
| Ms. Sherin Daniel          | MBBS, MD               | Assistant Professor       |
| Sanjeet Roy                | MBBS, MD               | Assistant Professor       |



|                           |          |                        |
|---------------------------|----------|------------------------|
| Baitule Amey Madhav       | MBBS, MD | Assistant Professor    |
| Ms. Shailaja Balakumar    | MBBS, MD | Assistant Professor    |
| Ms. Ponmar Madhurima      | MBBS, MD | Assistant Professor    |
| Ms. Kripa Mariam Varghese | MBBS, MD | Senior Resident        |
| Ms. Megha Bansal          | MBBS, MD | Senior Resident        |
| Savit B Prabhu            | MBBS, MD | Senior Resident        |
| Santhosh Raj A            | MBBS, MD | Senior Resident        |
| Ms. Dhivya K              | MBBS, MD | Senior Resident        |
| Immanuel Paul Thakaran D  | MBBS, MD | Senior Resident        |
| Ms. Rima S                | MBBS, MD | Senior Resident        |
| Rijo Issac N P            | MBBS, MD | Senior Resident        |
| Jayesh Saha               | MBBS, MD | Senior Resident        |
| Vikram Raj G              | MBBS, MD | Senior Resident        |
| Ms. Sharon Milton         | MBBS, MD | Senior Resident        |
| Ms. Tanusha E             | MBBS, MD | Senior Resident        |
| Ms. Naina Mary Simon      | MBBS, MD | Senior Resident Gr.III |

#### Pathology - Bio Medical Sciences

|               |            |                     |
|---------------|------------|---------------------|
| Ms.Rekha Pai  | M.Sc, Ph.D | Professor (NM)      |
| Dhananjayan S | M.Sc       | Lecturer Gr.II (NM) |

#### Pharmacology & Clinical Pharmacology

|                          |                          |                     |
|--------------------------|--------------------------|---------------------|
| Jacob Peedicayil Abraham | MBBS, MD                 | Professor           |
| Ms.Binu Susan Mathew     | MBBS, MD                 | Professor           |
| Ms.Margaret Shanthy      | MBBS, MD                 | Professor           |
| Sujith John Chandy       | MBBS, MD, Ph.D, FRCP (E) | Professor           |
| Ms.Ratna Prabha          | MBBS, MD                 | Professor           |
| Blessed Winston A.       | MBBS, MD                 | Associate Professor |
| Sumith K Mathew          | MBBS, MD                 | Associate Professor |
| Ms. Jeana Jacob          | MBBS, MD                 | Assistant Professor |
| Ms. Laxmi G              | MBBS, MD                 | Senior Resident     |

#### Pharmacology & Clinical Pharmacology - Bio Medical Sciences

|                |                        |                    |
|----------------|------------------------|--------------------|
| Aniket Kumar   | MSc.(Med.Pharm.), Ph.D | Lecturer Gr.I (NM) |
| Ms. Poornima S | PhD                    | Tutor (NM)         |

#### Pharmacy

|                      |                          |                       |
|----------------------|--------------------------|-----------------------|
| Annadurai S.         | M Pharm, PhD (Pharm) FIC | Professor             |
| Reni Charles C.      | M Pharm                  | Sr.Reader (A.H.)      |
| Heber Rew Bright. B  | M Pharm                  | Lecturer (AH) Gr.I    |
| Pradeep Rajkumar L A | M Pharm, FACP            | Lecturer (AH) Gr. I   |
| Gunaraj K            | M Pharm                  | Lecturer (AH) Gr. I   |
| Ms. Hema Jiji V      | M Pharm                  | Lecturer (AH) Gr. II  |
| Ms. Judith Basker    | Pharm.D                  | Lecturer (AH) Gr. III |

#### Physical Medicine & Rehabilitation

|                |                         |           |
|----------------|-------------------------|-----------|
| George Tharion | MBBS, D.Orth, DPMR, DNB | Professor |
| Ms.Raji Thomas | MBBS, DPMR, MD, DNB     | Professor |

|                           |                     |                     |
|---------------------------|---------------------|---------------------|
| Jacob George              | MBBS, DNB, MNAMS    | Professor           |
| Ms.Judy Ann John          | MBBS, MD            | Professor           |
| Henry Prakash             | MBBS, MD            | Professor           |
| Ms.Bobeena Rachel         | MBBS. MD            | Associate Professor |
| Prashanth H Chalageri     | MBBS, DPMR, MD      | Assistant Professor |
| Ms. Jane Elizabeth Sajan  | MBBS, MD            | Assistant Professor |
| Ms. Saraswathi Ramanathan | MBBS, MD            | Assistant Professor |
| Babeesh Chacko            | MBBS, MD            | Assistant Professor |
| Ms. Chinju Babu           | MBBS, MD            | Senior Resident     |
| Dr. Naveen Cherian Thomas | MBBS, MD            | Senior Resident     |
| Dr. Gourav Sannyasi       | MBBS, MD            | Senior Resident     |
| Sivaruban S               | MBBS, MD            | Senior Resident     |
| Ms. J. Veena Helen Mary   | MSc (Aud. & Speech) | Lecturer (AH) Gr. I |
| Ms. Bindhu Synthia        | MASLP               | Lecturer (AH) Gr. I |

**Physical Medicine & Rehabilitation - Bio Medical Sciences**

|              |                |                 |
|--------------|----------------|-----------------|
| Rajdeep Ojha | BE,M.Tech, PhD | Scientist Gr.IV |
|--------------|----------------|-----------------|

**Physical Medicine & Rehabilitation - Occupational Therapy**

|                                 |                         |                      |
|---------------------------------|-------------------------|----------------------|
| Ms.Lydia Edward Raj             | MSc.(OT)                | Sr. Reader (AH)      |
| Sanjeev Manasseh Padankatti     | BSc, BOT, MOT, MA (Psy) | Reader Gr.I (AH)     |
| Samuel Kamalesh Kumar           | MOT,                    | Reader Gr.II (AH)    |
| Ms.Reema B. Samuel              | MOT,                    | Lecturer Gr.I (AH)   |
| Ms. Reetha Janet Sureka S       | MOT,                    | Lecturer Gr.III (AH) |
| Jerome Dany Praveen Raj         | MOT,                    | Lecturer Gr.III (AH) |
| Ms. Julia Rachel J              | BOT                     | Tutor Gr. I          |
| Ms.Bhuvaneswari M.              | BOT                     | Tutor Gr. II         |
| Ms. Lincy B. Samuel             | BOT                     | Tutor Gr. I          |
| Samuel Prasanna Vinoth Kumar    | BOT                     | Tutor Gr. I          |
| Ms.Sylvia P.                    | BOT                     | Tutor Gr. II         |
| Earnest R.                      | BOT                     | Tutor Gr. II         |
| Ms. Gnanajeeva Elizabeth Rani A | BOT                     | Tutor Gr.II          |
| Ms. Aruna. R.                   | BOT                     | Tutor Gr.II          |
| Ms. Priyadharshini              | BOT                     | Tutor Gr.II          |
| Ronald Thomvic Maradona J       | BOT                     | Tutor Gr.II          |
| Ms. Ann Patricia Catherine      | BOT                     | Tutor Gr.III         |
| Ms. Preethi Jasmine M           | BOT                     | Tutor Gr.III         |
| Augustin Amalraj J              | BOT                     | Tutor Gr.III         |
| Zebert De Zebulon P             | BOT                     | Tutor Gr.III         |
| Ms. Sneha Sara Sabu             | BOT                     | Tutor Gr.III         |
| Abraham Peter J                 | BOT                     | Tutor Gr.IV          |
| Ms. Nare Mounika                | BOT                     | Tutor Gr.IV          |
| Ms. Gayathri S                  | BOT                     | Tutor Gr.IV          |
| Tapan Kumar Paraseth            | BOT                     | Tutor Gr.IV          |
| Ms. Ruth Kathrin D              | BOT                     | Tutor Gr.IV          |
| Ms. Ebenezer D                  | BOT                     | Tutor Gr.IV          |
| Ms. Deepalakshmi K              | BOT                     | Tutor Gr.IV          |
| Ms. Merlin Sheeba Angelin S     | BOT                     | Tutor Gr.IV          |

| Physical Medicine & Rehabilitation - Physiotherapy                |               |                      |
|---|---------------|----------------------|
| Andrew Babu Jayakumar   | BPT, MSc (PT) | Sr. Reader (AH)      |
| Samuel Kirubakaran D  | BPT, MPT      | Reader Gr.II (AH)    |
| Ms.Merlyn.R   | BPT, MPT      | Reader Gr.II (AH)    |
| Lenny Vasanthan T.  | BPT, MPT      | Lecturer Gr.I (AH)   |
| Senthil Velkumar T.   | BPT, MPT      | Lecturer Gr.I (AH)   |
| Ms.Winrose W.   | BPT           | Tutor Gr. I          |
| Gopinath M.   | BPT           | Tutor Gr. I          |
| Joshua Prem Kumar S   | BPT           | Tutor Gr. II         |
| Samuel Vinod Kumar D.   | BPT           | Tutor Gr. II         |
| Tyagraj P   | BPT           | Tutor Gr. II         |
| Vanjeethkumar E.  | BPT           | Tutor Gr. II         |
| Ms.Joanna Micraclin Popsi M                                       | BPT           | Tutor Gr. II         |
| Pierre Edwin  | BPT           | Tutor Gr. II         |
| Ms. Anitha. S   | BPT           | Tutor Gr. II         |
| Yuvaraj. R  | BPT           | Tutor Gr. II         |
| Ms. Maheswari V   | BPT           | Tutor Gr.III         |
| Ms. Nivethanjali C  | BPT           | Tutor Gr.III         |
| Ms. Andriya R   | BPT           | Tutor Gr.III         |
| Peter Hudson  | BPT           | Tutor Gr.III         |
| Ms. Sajida V  | BPT           | Tutor Gr.IV          |
| Karthik A.S   | BPT           | Tutor Gr.IV          |
| Ms. Sangeetha Medhi   | BPT           | Tutor Gr.IV          |
| Ms. D. Yeswini Monica   | BPT           | Tutor Gr.IV          |
| Asin Shereef A  | BPT           | Tutor Gr.IV          |
| Giftson D   | BPT           | Tutor Gr.IV          |
| Ms. Sasikala S  | BPT           | Tutor Gr.IV          |
| Joy Christy G   | BPT           | Tutor Gr.IV          |
| Ms. Vimala V  | BPT           | Tutor Gr.IV          |
| Ms. Shiny Mary J  | BPT           | Tutor Gr.IV          |
| Ms. Linda Blessy R  | BPT           | Tutor Gr.IV          |
| Ms. Srimanjula R  | BPT           | Tutor Gr.IV          |
| R. Shadrack Ravindra Reddy  | BPT           | Tutor Gr.IV          |
| Ms. Karthika D  | BPT           | Tutor Gr.IV          |
| Armaan Reuben Singh   | BPT           | Tutor Gr.IV          |
| Ms. Nare Mounika  | BPT           | Tutor Gr.IV          |
| Harold Princeton  | BPT           | Tutor Gr.IV          |
| Ms. Geetha N  | BPT           | Tutor Gr.IV          |
| Ms. Divya Evangeline V  | BPT           | Tutor Gr.IV          |
|   |               |                      |
| Physical Medicine & Rehabilitation - Prosthetic & Orthotic Centre |               |                      |
| Prachi Prava Pattnaik   | MPO           | Lecturer (AH) Gr.III |

| Physical Education |   |                         |
|--------------------|---|-------------------------|
| Balaganesan R.     | MA, M Ped, PG DSM, NIS Dip in Coaching, MPhil (Sports), PhD | Chief Physical Director |

| Physiology           |                |           |
|----------------------|----------------|-----------|
| Ms.Sathya Subramani  | MBBS, MD, Ph.D | Professor |
| Solomon Sathishkumar | MBBS, MD       | Professor |

|                      |          |                     |
|----------------------|----------|---------------------|
| Ms.Elizabeth Tharion | MBBS, MD | Professor           |
| Vinay Timothy Oommen | MBBS, MD | Professor           |
| Anand Bhaskar        | MBBS, MD | Professor           |
| Ms. Elizabeth Vinod  | MBBS, MD | Associate Professor |
| Ms. Upasana Kachroo  | MBBS, MD | Assistant Professor |
| Ms. Neetu Prince     | MBBS, MD | Assistant Professor |
| Anandit John Mathew  | MBBS, MD | Assistant Professor |
| Ms. Vijetha P        | MBBS, MD | Assistant Professor |

#### Physiology - Bio Medical Sciences

|                        |           |                |
|------------------------|-----------|----------------|
| Ms. Silviya Rajakumari | MSc, Ph.D | Professor (NM) |
|------------------------|-----------|----------------|

#### Plastic Surgery & Reconstructive Surgery

|                        |               |                     |
|------------------------|---------------|---------------------|
| Ashish Kumar Gupta     | MBBS, MS, MCh | Professor           |
| Kingsly Paul           | MBBS, MS, MCh | Professor           |
| Elvino Barreto         | MBBS, MS, MCh | Professor           |
| Shashank Lamba         | MBBS, MS, MCh | Professor           |
| Gohil Amish Jayantilal | MBBS, MS, MCh | Associate Professor |
| Geley Ete              | MBBS, MS, MCh | Assistant Professor |
| Ms. Shwetha Agarwal    | MBBS, MS, MCh | Assistant Professor |

#### Psychiatry

|                            |                            |                     |
|----------------------------|----------------------------|---------------------|
| Paul Swamidhas Sudhakar R. | MBBS, DPM, MD, DNB         | Professor           |
| Ms.Deepa Ramaswamy         | MBBS, DPM, MD              | Professor           |
| Ms.Mary Anju Kuruvilla     | MBBS, MD                   | Professor           |
| Ms.Suja Kurian             | MBBS, DPM, MD              | Professor           |
| Ms.Priya Mary Mammen       | MBBS, DPM, DNB             | Professor           |
| Rajesh G.                  | MBBS, DPM, MD, FRACP       | Professor           |
| Dholakia Saumil            | MBBS, MD                   | Professor           |
| Thangadurai                | MBBS, DPM, DNB             | Professor           |
| Ms.Satya Raj               | MBBS, MD, DPM, DNB, FRANCP | Professor           |
| Ms. Shonima A.V            | MBBS, DPM, MD              | Associate Professor |
| Arun. R                    | MBBS, DPM, MD              | Associate Professor |
| Ms. Donae Elizabeth George | MBBS, DPM, MD              | Associate Professor |
| Stephen Amarjeet Jiwanmall | MBBS, DPM, MD              | Associate Professor |
| Munaf B. Nandyal           | MBBS, DPM, MD              | Associate Professor |
| Kattula Dheeraj            | MBBS, DPM, MD              | Assistant Professor |
| Ms. Abigail Ruth Gojer     | MBBS, DPM, MD              | Assistant Professor |
| Ms. Jibi Achamma Jacob     | MBBS, DPM, MD              | Assistant Professor |
| Ms. Srisudha B             | MBBS, DPM, MD              | Assistant Professor |
| Abhinav Chichra            | MBBS, MD                   | Assistant Professor |
| Abu Philip Varghese        | MBBS, DPM, MD              | Assistant Professor |
| Debanjan Mandal            | MBBS, DPM, MD              | Assistant Professor |
| Raviteja Innamuri          | MBBS, DPM, MD              | Assistant Professor |
| Ms. Aiswarya R Nair        | MBBS, DPM, MD              | Assistant Professor |
| Naveen Kolloju             | MBBS, DPM, MD              | Assistant Professor |
| Yogendra Singh             | MBBS, DPM, MD              | Senior Resident     |
| Ms. Arunima George         | MBBS, MD                   | Senior Resident     |

|                              |                                |                        |
|------------------------------|--------------------------------|------------------------|
| Ms. Swetha Madhuri Chikkala  | MBBS, DPM, MD                  | Senior Resident        |
| Ms. Deepthi P T              | MBBS, MD                       | Senior Resident        |
| Jessor Paulson Illimottil    | MBBS, MD                       | Senior Resident        |
| Ms. Shalu Elizabeth Abraham  | MBBS, MD                       | Senior Resident Gr.III |
| Ms. Asha Charitha S S        | MBBS, MD                       | Senior Resident Gr.III |
| Ms. Manisha Murugesan        | MBBS, MD (appeared)            | Senior Resident Gr.IV  |
| Ms. Neha S Leister           | MBBS, DPM                      | Junior Resident Gr.I   |
| Ms. Divya Sekhar             | MBBS, DPM                      | Junior Resident Gr. I  |
| Ms. Santhoshi S              | MBBS, DPM                      | Junior Resident Gr. I  |
| Ms. Sushila Russell          | MA, M.Phil.                    | Reader (AH) Gr.I       |
| Mr. Joseph Noel              | M.Sc (Psy.), M.Phil            | Lecturer Gr.I (AH)     |
| Ms. Jessie Augustin          | MSc (Psy.)                     | Lecturer Gr.II (NM)    |
| Ms. Merlin Thanka Jemi       | BOT, MSc, M.Phil (Clin. Psych) | Lecturer (AHS) Gr.II   |
| Ms. Mumtaj K                 | MA, M.Phil                     | Special Teacher Gr.I   |
| Ms. Inbakammal               | M.Sc                           | Lecturer Gr.III (NM)   |
| Ms. Carline Jebamalar Asir J | MSc                            | Lecturer Gr.III (NM)   |
| Ms. Jayanthi D               | MRSc                           | Special Teacher Gr.IV  |
| Ms. J Christy Deborah        | MSc (Rehab.Sci)                | Special Teacher Gr.V   |
| Joseph Thomas Raj Bedford    | BOT                            | Tutor Gr. III (OT)     |
| Ms. Farah C J James          | BOT                            | Tutor Gr. II (OT)      |
| Anand Matthew Charles        | BOT                            | Tutor Gr. III (OT)     |
| Ms. Thamarai Selvi S         | BOT                            | Tutor Gr. III (OT)     |
| Ms. Priyadarshini A          | BOT                            | Tutor Gr. III (OT)     |
| Ms. Nicy Kuriakose           | BOT                            | Tutor Gr.IV (OT)       |
| Madhan M                     | BOT                            | Tutor Gr.IV (OT)       |
| Ms. Meghana C C              | BOT                            | Tutor Gr.IV (OT)       |
| Ms. Elizabeth Mary Thomas    | BOT                            | Tutor Gr.IV (OT)       |

#### Pulmonary Medicine

|                       |                                  |                     |
|-----------------------|----------------------------------|---------------------|
| Christopher D.J.      | BSc, MBBS, DTCD, DNB, FCCP       | Professor           |
| Balamugesh            | MBBS, MD, DM (Pulm.& Crit. Care) | Professor           |
| Barney Isaac          | MBBS, DTCD, DNB                  | Associate Professor |
| Jebin Roger Sasikumar | MBBS, MD                         | Assistant Professor |
| Sujith Thomas Chandy  | MBBS, MD                         | Assistant Professor |
| Ms. Priya             | MBBS, MD, DNB, PDF               | Assistant Professor |
| Deva Jedidiah         | MBBS, MD                         | Senior Resident     |
| Ms. Subashini K.      | BPT                              | Tutor Gr.II         |
| Ms. Daisy Rosemary    | BPT                              | Tutor Gr.II         |
| Andrew Franklin S     | BPT                              | Tutor Gr.III        |

#### Respiratory Medicine

|                    |          |                        |
|--------------------|----------|------------------------|
| Ms. Richa Gupta    | MBBS, MD | Professor              |
| Prince James       | MBBS, MD | Professor              |
| Ashwin Oliver A    | MBBS, MD | Assistant Professor    |
| Avinash A Nair     | MBBS, MD | Assistant Professor    |
| Jefferson Daniel J | MBBS, MD | Assistant Professor    |
| Arun R Thomas      | MBBS, MD | Senior Resident Gr.III |

| Radiation Oncology     |                |                                 |
|------------------------|----------------|---------------------------------|
| Ms.Subhashini John     | MBBS, DMRT, MD | Professor                       |
| Ms.Selvamani B.        | MBBS, MD, DNB  | Professor                       |
| Simon Pradeep Pavamani | MBBS, MD       | Professor                       |
| Thomas Samuel          | MBBS, MD       | Professor                       |
| Rajesh I.              | MBBS, DMRT, MD | Professor                       |
| Rajesh B.              | MBBS, MD, DNB  | Professor                       |
| Balu Krishna. S        | MBBS, DMRT, MD | Professor                       |
| Ms.Patricia            | MBBS, DMRT, MD | Associate Professor / Physician |
| Ms. Jeba Karunya R     | MBBS, DMRT, MD | Associate Professor             |
| Manu Mathew            | MBBS, MD       | Assistant Professor             |
| Arvind S               | MBBS, MD       | Assistant Professor             |
| Ms. Neenu Oilver John  | MBBS, MD       | Assistant Professor             |
| Rajkrishna B           | MBBS, DMRT, MD | Senior Resident                 |
| Ms. Jewell Joseph      | MBBS, MD       | Senior Resident                 |
| Jeyaanth P V           | MBBS, MD       | Senior Resident III             |
| Sobin V Jacob          | MBBS, MD       | Senior Resident III             |
| Ms. Richa Shukla       | MBBS, MD       | Senior Resident III             |
| Tarun Jose             | MBBS, DMRT     | Junior Resident Gr.I            |

| Radiation Oncology - Medical Physics |                             |                          |
|--------------------------------------|-----------------------------|--------------------------|
| Rabi Raja Singh I.                   | MSc, Dip RP, Ph.D           | Professor (NM)           |
| Roshan Samuel Livingstone            | M.Sc. Ph.D.                 | Professor (NM)           |
| Devakumar D.                         | MSc, Dip RP, Ph.D           | Associate Professor (NM) |
| Timothy Peace Balasingh.S            | MSc (Physics), Ph.D         | Lecturer Gr.I (NM)       |
| Henry Finlay Godson                  | M.Sc. Dip. RP,              | Lecturer Gr.II (NM)      |
| Ms.Retna Ponnalar Y.                 | M.Sc., B.Ed., M.Phil., Ph.D | Lecturer Gr.II (NM)      |
| Sathish Kumar A.                     | MSc (Medical Physics)       | Lecturer Gr.II (NM)      |
| Ebenezer Suman Babu. S               | MSc (Physics)               | Lecturer Gr.II (NM)      |
| Jose Solomon Raj L                   | MSc (Medical Physics)       | Lecturer Gr.III (NM)     |
| Ms. Benedicta Pearlin R              | MSc (Medical Physics)       | Lecturer Gr.III (NM)     |

| Radiodiagnosis            |                      |                     |
|---------------------------|----------------------|---------------------|
| Gibikote Sridhar          | MBBS, DMRD, DNB      | Professor           |
| Elizabeth Joseph          | MBBS, DMRD, DNB      | Professor           |
| Ms.Anu Eapen              | MBBS, DMRD, DNB      | Professor           |
| Ms. Jyoti Kumari Surekha  | MBBS, MD             | Professor           |
| Aparna. I                 | MBBS, DMRD, MD, FRCR | Professor           |
| Ms.Sniya Valsa Sudhakar   | MBBS, DNB            | Professor           |
| Ms.Anuradha. C            | MBBS, DMRD, MD       | Professor           |
| Betty Simon               | MBBS, DMRD, MD       | Professor           |
| Leena R.V                 | MBBS, DMRD, MD       | Associate Professor |
| Ms.Anitha Jasper          | MBBS, DMRD, MD       | Associate Professor |
| Ms. Pavithra Ratna Mannam | MBBS, DMRD, MD       | Associate Professor |
| Ms. Reetu Amrita John     | MBBS, DMRD, MD       | Associate Professor |
| Linu Cherian Kuruvilla    | MBBS, MD, PDF        | Associate Professor |
| Vanjare Harshad Arvind    | MBBS, DMRD, MD       | Assistant Professor |

|                                    |                 |                        |
|------------------------------------|-----------------|------------------------|
| Ms. Madhavi. K                     | MBBS, DNB       | Assistant Professor    |
| Sahadevan Vijay                    | MBBS, MD        | Assistant Professor    |
| Ms. Indu Elizabeth Oommen          | MBBS, MD        | Assistant Professor    |
| Jayavelu Hariram Prasad D          | MBBS, DMRD, MD  | Assistant Professor    |
| Ms. Soumya Susan Regi              | MBBS, MD        | Assistant Professor    |
| Subin Kuruville Thomas             | MBBS, MD        | Assistant Professor    |
| Kedarnath Dixit                    | MBBS, MD        | Assistant Professor    |
| Fazil Moidu                        | MBBS, MD        | Assistant Professor    |
| Carl Prem Trevor Colaco            | MBBS, MD        | Assistant Professor    |
| Ms. Deepa Rebecca Korula           | MBBS, MD        | Assistant Professor    |
| Ms. Poulomi Mitra                  | MBBS, MD        | Assistant Professor    |
| Ms. Geethu Elizabeth Punnen        | MBBS, MD        | Assistant Professor    |
| Ms. Reettika Chanda                | MBBS, DMRD, MD  | Assistant Professor    |
| Ms. Bernice Thamarai Selvi D       | MBBS, DMRD, MD  | Assistant Professor    |
| Ms. Mane Manisha Sheshrao          | MBBS, DMRD, MD  | Assistant Professor    |
| Prateek Malik                      | MBBS, DMRD, MD  | Assistant Professor    |
| Antony Augustine                   | MBBS, MD        | Assistant Professor    |
| Girish S Desai                     | MBBS, MD        | Assistant Professor    |
| Jayakrishnan J                     | MBBS, MD        | Assistant Professor    |
| Ashish S Rudrawadi                 | MBBS, MD        | Assistant Professor    |
| Ananth                             | MBBS, MD        | Assistant Professor    |
| Ms. Sheena Prineethi G             | MBBS, MD        | Assistant Professor    |
| Aditya V A Gunturi                 | MBBS, MD        | Assistant Professor    |
| Ms. Polavarapu Grace Rebecca       | MBBS, DMRD, MD  | Assistant Professor    |
| Dr. Sathya Narayanan R             | MBBS, MD, PDF   | Assistant Professor    |
| Saket Ballabh                      | MBBS, DMRD, DNB | Senior Resident        |
| Ms. Aliva A Nayak                  | MBBS, MD        | Senior Resident        |
| Ms. Shalini Sahu                   | MBBS, MD        | Senior Resident        |
| Seelam Joshua Anand                | MBBS, MD        | Senior Resident        |
| Ms. Shruti Dharmadas               | MBBS, MD        | Senior Resident        |
| Ms. Adhishwari Priyadarshini Parhi | MBBS, MD        | Senior Resident        |
| Dr. Sourav Panda                   | MBBS, MD, PDF   | Senior Resident        |
| Ms. Malabika Goswami               | MBBS, MD        | Senior Resident        |
| Mohd Abdul Khalid                  | MBBS, MD        | Senior Resident        |
| Amish P George                     | MBBS, MD        | Senior Resident        |
| Ms. Anurima Patra                  | MBBS, MD        | Senior Resident        |
| Ms. Shweta Singh                   | MBBS, MD        | Senior Resident        |
| Sri Lakshmi J P Rao G              | MBBS, MD        | Senior Resident Gr.III |
| Vivil Vidya Rajkumar R             | MBBS, MD        | Senior Resident Gr.III |
| Himangshu Sarma                    | MBBS, MD        | Senior Resident Gr.III |
| Ranjan Sharath Shetty              | MBBS, MD        | Senior Resident Gr.III |
| Mathew Monachen                    | MBBS, MD        | Senior Resident Gr.III |
| Ms. Kanimozhi                      | MBBS, MD        | Senior Resident Gr.III |
| Anand Prajapati                    | MBBS, DMRD      | Senior Resident Gr. V  |
| Anish Krishna                      | MBBS, DMRD      | Senior Resident Gr.V   |

## Interventional Radiology

|                |                                |           |
|----------------|--------------------------------|-----------|
| N K Shyamkumar | MBBS, DMRD, DNB, FRCR, FRANZCR | Professor |
|----------------|--------------------------------|-----------|

|                   |               |                     |
|-------------------|---------------|---------------------|
| Vinu Moses        | MBBS, MD      | Professor           |
| Munawwar Ahmed    | MBBS, MD      | Professor           |
| Aswin Padmanabhan | MBBS, MD, PDF | Assistant Professor |

| Reproductive Medicine       |                                  |                              |
|-----------------------------|----------------------------------|------------------------------|
| Ms.T.K. Aleyamma            | MBBS, DGO, MD,DNB (OG),PDF (RMU) | Professor                    |
| Mohan Shashikant Kamath     | MBBS, MS.(OG),DNB.(OG),PDF (RMU) | Professor                    |
| Ms. Treasa Joseph           | MBBS, MS, PDF                    | Assistant Professor          |
| Ms. Chinta Parimala         | MBBS, MS, PDF                    | Senior Resident Gr.III       |
| Ms. Ann Margaret Mangalaraj | MSc (Micro)                      | Sel.Gr.Sr.Lecturer (NM) Gr.I |

| Transfusion Medicine  |                                      |                                 |
|-----------------------|--------------------------------------|---------------------------------|
| Ms.Dolly Rose         | MBBS, MD                             | Professor                       |
| Sukesh Chandran       | MBBS, DCP, MD, Dip NB, FRCPA (Haema) | Professor                       |
| Joy John Mammen       | MBBS, MD                             | Professor                       |
| Ms.Mary Purna Chacko  | MBBS, MD                             | Professor                       |
| Ms.Vandana Kamath     | MBBS, MD                             | Associate Professor             |
| Ms.Arpana Palle       | MBBS, MD                             | Assistant Professor             |
| Ms. Tulasi Geevar     | MBBS, MD                             | Assistant Professor             |
| Nitty Skariah Mathews | MBBS, MD                             | Assistant Professor             |
| Ms. Dave Rutvi Gautam | MBBS, MD, PDF                        | Assistant Professor             |
| Vinoth Kumar G        | MBBS, MD                             | Assistant Professor             |
| Snehil Kumar          | MBBS, MD                             | Assistant Professor             |
| Sam Arul Doss         | MSc, MBA                             | Lecturer Gr.III                 |
| Gift Ajay Sam         | MSc                                  | Lecturer Gr.III                 |
| Ms. Ramya V           | MSc                                  | Lecturer Gr.III                 |
| Aarene Rennie S.P     | MSc                                  | Senior Demonstrator (NM) Gr. IV |

| Vascular Surgery    |                       |                                |
|---------------------|-----------------------|--------------------------------|
| Dheepak Selvaraj A. | MBBS, MS, MRCS, MCh., | Associate Professor / Surgeon  |
| Prabhu Premkumar    | MBBS, MS, PGDHHM      | Associate Professor / Surgeon  |
| Albert Abhinay Kota | MBBS, MS, MCh         | Assistant Professor            |
| Vimalin Samuel      | MBBS, MS              | Assistant Professor            |
| Joel Mathew John    | MBBS, MS              | Asst Surgeon Gr.II / Sr.Reg.PG |

| Virology               |                                |                     |
|------------------------|--------------------------------|---------------------|
| Ms.Priya Abraham       | MBBS, MD (Micro), PhD, FRCPath | Professor           |
| Ms.Asha Mary Jesudasan | MBBS, MD (Micro), PhD          | Professor           |
| Rajesh K.              | MBBS, MD (Micro), PhD          | Professor           |
| Ms.Shoba Mammen        | MBBS, MD (Micro)               | Professor           |
| Mahesh Moorthy         | MBBS, MD (Micro)               | Professor           |
| Runal John Steve       | MBBS, MD (Micro)               | Assistant Professor |
| Ms. Divya Alex         | MBBS, MD (Micro)               | Assistant Professor |

| Virology - Bio Medical Sciences |                    |                          |
|---------------------------------|--------------------|--------------------------|
| John Fletcher                   | MSc, Ph.D          | Associate Professor (NM) |
| Raghavendran. A                 | MSc. (Micro), Ph.D | Tutor (NM)               |



# Faculty List

College of Nursing



2020-2021

## Faculty - College of Nursing

| CHILD HEALTH NURSING      |               |                                 |
|---------------------------|---------------|---------------------------------|
| Ms. Ruma Nayak            | M.Sc.N.       | Professor                       |
| Ms. Mary Anbarasi Johnson | M.Sc.N.       | Professor (On Sabbatical Leave) |
| Dr. Vinitha Ravindran     | M.Sc.N.,Ph.D. | Professor                       |
| Ms. Margaret Manoharan    | M.Sc.N.       | Professor                       |
| Ms. Lilly Prasad          | M.Sc.N.       | Professor                       |
| Ms. Shanthi Gladston      | M.Sc.N.       | Associate Professor             |
| Ms. Menaka Raghuraman     | M.Sc.N.       | Associate Professor             |
| Ms. E. Deena              | M.Sc.N.       | Reader                          |
| Ms. Esther Kanthi         | M.Sc.N.       | Junior Lecturer                 |
| Ms. Mahita S. Kumar       | B.Sc.N.       | Tutor                           |
| Ms. Nice Merin Sunny      | B.Sc.N.       | Tutor                           |
| Ms. Litty Alexander       | B.Sc.N.       | Tutor                           |
| Ms. Porkodi D             | B.Sc.N.       | Tutor                           |
| Ms. Violet Bobby Rani     | B.Sc.N.       | Charge Nurse                    |
| Ms. Arul Mozhi N          | B.Sc.N.       | Charge Nurse                    |
| Ms. Mary Juliana          | B.Sc.N.       | Charge Nurse                    |
| Ms. Helina Leo            | B.Sc.N.       | Charge Nurse                    |
| Ms. Mercy Rethinavathi    | B.Sc.N.       | Charge Nurse                    |
| Ms. Ashadevi Ravi         | B.Sc.N.       | Charge Nurse                    |
| Ms. Koteeswari Sivakumar  | B.Sc.N.       | Charge Nurse                    |
| Ms. Sudha Dickon Thomas   | B.Sc.N.       | Charge Nurse                    |
| Ms. Anitha Easter Rani T  | B.Sc.N.       | Charge Nurse                    |
| Ms. Snekalatha B          | B.Sc.N.       | Charge Nurse                    |

| COMMUNITY HEALTH NURSING |                   |                     |
|--------------------------|-------------------|---------------------|
| Ms. Rajeswari Siva       | M.Sc.N., M. Phil. | Professor           |
| Dr. Vathsala Sadan       | M.Sc.N., Ph.D.    | Professor           |
| Ms. Greeda Alexander     | M.Sc.N.           | Professor           |
| Ms. Shandriela Immanuel  | M.Sc.N.           | Professor           |
| Ms. Baby Saroja          | M.Sc.N.           | Professor           |
| Ms. Sara Emma Rosalind   | M.Sc.N.           | Associate Professor |
| Ms. Prema N.             | M.Sc.N.           | Reader              |
| Ms. Jeba Terina S        | M.Sc.N.           | Reader              |
| Ms. Priya Chandrasekar   | M.Sc.N., F.F.N.P. | Lecturer            |
| Ms. Joy Priyadarshini J  | M.Sc.N.           | Lecturer            |
| Ms. Irene Dorothy        | M.Sc.N., F.F.N.P. | Junior Lecturer     |
| Ms. Shaly Selva Grace E  | M.Sc.N.           | Junior Lecturer     |
| Ms. Gnana Soundari Ravi  | B.Sc.N., F.F.N.P. | Tutor               |
| Ms. Beulah Santhakumari  | B.Sc.N.           | Tutor               |

|                                  |                   |       |
|----------------------------------|-------------------|-------|
| Ms. Merlin Nixon                 | B.Sc.N.           | Tutor |
| Ms. Valliammal Murali            | B.Sc.N., F.F.N.P. | Tutor |
| Mr. Julius John Samuel           | B.Sc.N.           | Tutor |
| Ms. Sharmila Sundar Raj          | B.Sc.N.           | Tutor |
| Ms. Kavitha Sathish              | B.Sc.N.           | Tutor |
| Ms. Nithila Jennifer Prudence J. | B.Sc.N.           | Tutor |
| Ms. Saral Jasmine E              | B.Sc.N.           | Tutor |
| Ms. Liza. L.                     | B.Sc.N.           | Tutor |
| Ms. Anulin Blessy P.M.           | B.Sc.N.           | Tutor |
| Ms. Percis N.H.                  | B.Sc.N.           | Tutor |
| Ms. Suganthi Evangeline V        | B.Sc.N.           | Tutor |
| Ms. Anushya G                    | B.Sc.N.           | Tutor |

#### CONTINUING NURSING EDUCATION & RESEARCH

|                                     |                |                 |
|-------------------------------------|----------------|-----------------|
| Dr. Vinitha Ravindran               | M.Sc.N., Ph.D. | Professor       |
| Ms. Ida Sweetlin Priyadarsini, A.R. | M.Sc.N.        | Lecturer        |
| Mr. Dinesh Kumar S                  | M.Sc.N.        | Junior Lecturer |
| Ms. Y. Punitha                      | M.Sc.N.        | Junior Lecturer |

#### CENTRAL STERILE SUPPLY DEPARTMENT

|                       |         |              |
|-----------------------|---------|--------------|
| Ms. Florence Ponnice  | B.Sc.N. | Charge Nurse |
| Ms. Udayakumari Maran | B.Sc.N. | Charge Nurse |

#### ENGLISH

|                     |                      |                  |
|---------------------|----------------------|------------------|
| Ms. Shalini Getsy D | M.A., B.Ed., M.Phil. | Sr. Demonstrator |
|---------------------|----------------------|------------------|

#### FUNDAMENTALS OF NURSING

|                             |         |                     |
|-----------------------------|---------|---------------------|
| Ms. Emily Daniel            | M.Sc.N. | Professor           |
| Ms. Jeni Christal Vimala    | M.Sc.N. | Professor           |
| Ms. A. Angelin Esther       | M.Sc.N. | Associate Professor |
| Ms. Jeslin Wills            | M.Sc.N. | Junior Lecturer     |
| Ms. Linda Victor            | B.Sc.N. | Tutor               |
| Ms. Lydia Ranjitham Johnson | B.Sc.N. | Tutor               |
| Ms. Gladys Beulah, CH.      | B.Sc.N. | Tutor               |
| Ms. Sharon Jeba Rani V      | B.Sc.N. | Tutor               |
| Ms. Liby Anu Thomas         | B.Sc.N. | Tutor               |
| Ms. Ann Mary Elias          | B.Sc.N. | Tutor               |
| Ms. Sherin Sara Rajan S     | B.Sc.N. | Tutor               |
| Ms. Deborah O.M.            | B.Sc.N. | Tutor               |
| Ms. Ritty Ann Koshy         | B.Sc.N. | Tutor               |
| Ms. Sruthy K. Yohannan      | B.Sc.N. | Tutor               |
| Ms. Jinu Thomas             | B.Sc.N. | Tutor               |

|                             |         |       |
|-----------------------------|---------|-------|
| Ms. Kesiya Kuriakose        | B.Sc.N. | Tutor |
| Ms. Sneha Elsa Johnson      | B.Sc.N. | Tutor |
| Ms. Priya Bhailal Christian | B.Sc.N. | Tutor |
| Ms. Sneha Angel Solomon     | B.Sc.N. | Tutor |
| Ms. Sumi Sebastian          | B.Sc.N. | Tutor |
| Ms. Nishamol Shaju          | B.Sc.N. | Tutor |
| Ms. Klasens Tissah E        | B.Sc.N. | Tutor |

## LIBRARY

|                              |                          |                     |
|------------------------------|--------------------------|---------------------|
| Ms. Esther Aaron,            | B.A., M.L.I.S.           | Sr. Librarian       |
| Mr. Daniel Rajkumar          | B.A., M.L.I.S.           | Assistant Librarian |
| Ms. B. Jerylene Mary Vanathi | B.A., M.L.I.S.           | Assistant Librarian |
| Mr. John Kirubairaj          | B.Com., M.L.I.S.         | Assistant Librarian |
| Mr. N. Kantharuban           | B.Sc., M.L.I.S.          | Assistant Librarian |
| Mr. M. Palani                | B.Sc., M.L.I.S., M.Phil. | Assistant Librarian |

## MATERNITY NURSING

|                             |         |                 |
|-----------------------------|---------|-----------------|
| Ms. Ebenezer Ellen Benjamin | M.Sc.N. | Professor       |
| Ms. Alice Sony              | M.Sc.N. | Professor       |
| Ms. Diana David             | M.Sc.N. | Professor       |
| Ms. Dorothy Devakirubai T   | M.Sc.N. | Professor       |
| Ms. Anne Jarone             | M.Sc.N. | Professor       |
| Ms. Jenny S.                | M.Sc.N. | Professor       |
| Ms. Mories Mary S.          | M.Sc.N. | Lecturer        |
| Ms. P. Mary Jennifer        | M.Sc.N. | Lecturer        |
| Ms. Jane Emily Beatrice I   | M.Sc.N. | Junior Lecturer |
| Ms. Pratheeba S             | M.Sc.N. | Junior Lecturer |
| Ms. Sophia J                | M.Sc.N. | Junior Lecturer |
| Ms. Prashanthi              | M.Sc.N. | Junior Lecturer |
| Ms. Jesna Joseph            | B.Sc.N. | Tutor           |
| Ms. Greeshma Wilson         | B.Sc.N. | Tutor           |
| Ms. Lakshmi Baskar          | B.Sc.N. | Charge Nurse    |
| Ms. Mona Saji               | B.Sc.N. | Charge Nurse    |
| Ms. Kumutham Ravi           | B.Sc.N. | Charge Nurse    |
| Ms. Gnanamani Deepak        | B.Sc.N. | Charge Nurse    |
| Ms. Mercy G. Jayaprakasam   | B.Sc.N. | Charge Nurse    |
| Ms. Jebaselvi W             | B.Sc.N. | Charge Nurse    |
| Ms. Sheeba Mabel L          | B.Sc.N. | Charge Nurse    |
| Ms. Devakirubai Reebath     | B.Sc.N. | Charge Nurse    |
| Ms. Leena Dorai Raj         | B.Sc.N. | Charge Nurse    |
| Ms. Princy Agnes Soundariya | B.Sc.N. | Charge Nurse    |
| Ms. Grace Mary E            | B.Sc.N. | Charge Nurse    |
| Ms. Preethi Precilla        | B.Sc.N. | Charge Nurse    |

| <b>MEDICAL NURSING</b>   |                |                         |
|--------------------------|----------------|-------------------------|
| Dr. Shirley David        | M.Sc.N., Ph.D. | Professor               |
| Ms. Meenakshi Sekhar     | M.Sc.N.        | Professor               |
| Ms. Sophia Vijayanathan  | M.Sc.N.        | Professor               |
| Ms. Ranjitha Chacko      | M.Sc.N.        | Reader (On Study Leave) |
| Ms. Mary Jancy Joy       | M.Sc.N.        | Lecturer                |
| Ms. Angeline Jeya Rani   | M.Sc.N.        | Lecturer                |
| Ms. Hilda Mercy Priya    | M.Sc.N.        | Junior Lecturer         |
| Ms. Anbarasi C           | M.Sc.N.        | Junior Lecturer         |
| Ms. Petritia Jasmine     | B.Sc.N.        | Tutor                   |
| Ms. Daisy Jeeva Priya    | B.Sc.N.        | Tutor                   |
| Ms. Anisha Nuthakki      | B.Sc.N.        | Tutor                   |
| Ms. Sunitha P            | B.Sc.N.        | Charge Nurse            |
| Ms. Komathi Jayasankar   | B.Sc.N.        | Charge Nurse            |
| Ms. Thilagavathi M       | B.Sc.N.        | Charge Nurse            |
| Ms. Selvarani Daniel     | B.Sc.N.        | Charge Nurse            |
| Ms. Thamizhselvi Thulasi | B.Sc.N.        | Charge Nurse            |
| Ms. Usha Jaswin          | B.Sc.N.        | Charge Nurse            |
| Ms. Jebagnanam Ebenezer  | B.Sc.N.        | Charge Nurse            |

| <b>IDA SCUDDER WARD</b>   |         |              |
|---------------------------|---------|--------------|
| Ms. Philomena Rachel D.P. | B.Sc.N. | Charge Nurse |

| <b>SHALOM HEALTH CLINIC</b> |         |              |
|-----------------------------|---------|--------------|
| Ms. Mercy Menaga K.V.       | B.Sc.N. | Charge Nurse |

| <b>OPHTHALMOLOGY</b>    |         |                               |
|-------------------------|---------|-------------------------------|
| Ms. R. Bharathy         | M.Sc.N. | Reader                        |
| Ms. Subhashini Tennyson | B.Sc.N. | Tutor                         |
| Ms. Hilda David         | B.Sc.N. | Charge Nurse                  |
| Mr. Charles Immanuel    | B.Sc.N. | Charge Nurse [On Study Leave] |
| Ms. Priscilla Rajkumar  | B.Sc.N. | Charge Nurse                  |
| Ms. Vijayalakshmi J     | B.Sc.N. | Charge Nurse                  |

| <b>MEDICAL SURGICAL NURSING – SPECIALITY I</b>              |                |                 |
|---|----------------|-----------------|
| <b>(Burns, Respiratory, Endocrinology, Urology and ENT)</b> |                |                 |
| Dr. Bala Seetharaman  | M.Sc.N., Ph.D. | Professor       |
| Ms. Regina Xavier   | M.Sc.N.        | Professor       |
| Ms. Alice Suresh Kumar                                      | M.Sc.N.        | Professor       |
| Ms. Jabin Khaja   | M.Sc.N.        | Professor       |
| Ms. Naomi Nancy S.W.  | M.Sc.N.        | Junior Lecturer |

|                            |         |              |
|----------------------------|---------|--------------|
| Ms. Jiffy Sarah Varghese   | B.Sc.N. | Tutor        |
| Ms. Jessie Sharma          | B.Sc.N. | Charge Nurse |
| Ms. Ruth Ruby Murray       | B.Sc.N. | Charge Nurse |
| Ms. Bharathi K             | B.Sc.N. | Charge Nurse |
| Ms. Mercy Inbakumari B     | B.Sc.N. | Charge Nurse |
| Ms. Vijayalakshmi A        | B.Sc.N. | Charge Nurse |
| Ms. Aruna A                | B.Sc.N. | Charge Nurse |
| Ms. Gurubatham Christinal  | B.Sc.N. | Charge Nurse |
| Ms. Kalaivani Gnanamani    | B.Sc.N. | Charge Nurse |
| Ms. Cinthia Rachel Grace J | B.Sc.N. | Charge Nurse |
| Ms. Preethi Thabithal D    | B.Sc.N. | Charge Nurse |
| Ms. Ramya G                | B.Sc.N. | Charge Nurse |
| Ms. Jasmin Flora A         | B.Sc.N. | Charge Nurse |
| Ms. Rani S                 | B.Sc.N. | Charge Nurse |

#### MEDICAL SURGICAL NURSING – SPECIALITY II

(Cardiology, Cardiothoracic Surgery, Gastroenterology and Oncology)

|                           |         |                     |
|---------------------------|---------|---------------------|
| Ms. Jasmin Anand,         | M.Sc.N. | Professor           |
| Ms. Roseline Rhenius,     | M.Sc.N. | Professor           |
| Ms. J. Sumathy,           | M.Sc.N. | Associate Professor |
| Ms. Christinal Jebarani,  | B.Sc.N. | Tutor               |
| Ms. Jeevitha J.,          | B.Sc.N. | Tutor               |
| Ms. Stella Richard,       | B.Sc.N. | Charge Nurse        |
| Ms. Rosammal Durai,       | B.Sc.N. | Charge Nurse        |
| Ms. Shakila Murali,       | B.Sc.N. | Charge Nurse        |
| Ms. Josephine Florabai G, | B.Sc.N. | Charge Nurse        |
| Ms. Mythili Baskaran,     | B.Sc.N. | Charge Nurse        |
| Ms. Vimala Selvaraj,      | B.Sc.N. | Charge Nurse        |
| Ms. Helen Amelita B,      | B.Sc.N. | Charge Nurse        |
| Ms. Helen Sophia K,       | B.Sc.N. | Charge Nurse        |
| Ms. Sally Cynthia J,      | B.Sc.N. | Charge Nurse        |

#### MEDICAL SURGICAL NURSING – SPECIALITY III

(Private & General wards – O Block)

|                         |         |                     |
|-------------------------|---------|---------------------|
| Ms. Ilavarasi Jesudoss  | M.Sc.N. | Professor           |
| Ms. Anandha Ruby Jacob  | M.Sc.N. | Professor           |
| Ms. Reena Santhosh      | M.Sc.N. | Professor           |
| Ms. Shalini Chandran    | M.Sc.N. | Associate Professor |
| Ms. Yomika Tariang      | B.Sc.N. | Tutor               |
| Ms. Sara Susan Varghese | B.Sc.N. | Tutor               |
| Ms. Mary Johnson        | B.Sc.N. | Charge Nurse        |

|                          |         |              |
|--------------------------|---------|--------------|
| Ms. Sowmi Joseph         | B.Sc.N. | Charge Nurse |
| Ms. Suseela Rajkumar     | B.Sc.N. | Charge Nurse |
| Ms. Phanny Vijay         | B.Sc.N. | Charge Nurse |
| Ms. Karthikeyini Induraj | B.Sc.N. | Charge Nurse |
| Ms. Susamma Wesley       | B.Sc.N. | Charge Nurse |
| Ms. Jemimah Samuel       | B.Sc.N. | Charge Nurse |
| Ms. Silviarani R         | B.Sc.N. | Charge Nurse |
| Ms. Leena Jared          | B.Sc.N. | Charge Nurse |
| Ms. Maria Gracy John     | B.Sc.N. | Charge Nurse |

#### MEDICAL SURGICAL NURSING – SPECIALITY IV

(Accident & Emergency Services, Radio Diagnosis and Out Patient Services)

|                            |         |                     |
|----------------------------|---------|---------------------|
| Ms. Jeyalindha Christopher | M.Sc.N. | Professor           |
| Ms. Sheeba Rani P          | M.Sc.N. | Associate Professor |
| Ms. Sheeba J               | M.Sc.N. | Junior Lecturer     |
| Ms. M. Sri Ranjani         | B.Sc.N. | Tutor               |
| Ms. Hebsi Charles          | B.Sc.N. | Charge Nurse        |
| Ms. Rani Munusamy          | B.Sc.N. | Charge Nurse        |
| Ms. Velvizhi T. Giri       | B.Sc.N. | Charge Nurse        |
| Ms. Paulin M. Reena R.     | B.Sc.N. | Charge Nurse        |
| Ms. Jenifer Christina D    | B.Sc.N. | Charge Nurse        |
| Ms. Subadharsini Jesudos   | B.Sc.N. | Charge Nurse        |

#### MEDICAL SURGICAL NURSING – SPECIALITY V

( Operating Room)

|                            |         |                                 |
|----------------------------|---------|---------------------------------|
| Ms. Florence Segaran       | M.Sc.N. | Professor                       |
| Ms. Sonia P. Abraham       | M.Sc.N. | Professor (On Sabbatical Leave) |
| Ms. Anita Kiruba Jeyakumar | M.Sc.N. | Reader                          |
| Ms. Thenmozhi Sundar       | M.Sc.N. | Reader                          |
| Mr. Charles Sathiya Oli    | M.Sc.N. | Junior Lecturer                 |
| Ms. Rachel Deva            | B.Sc.N. | Tutor                           |
| Ms. Delcy Charles          | B.Sc.N. | Charge Nurse                    |
| Ms. Elizabeth Gurunathan   | B.Sc.N. | Charge Nurse                    |
| Ms. Esther Samson          | B.Sc.N. | Charge Nurse                    |
| Ms. Gnana Soundari S       | B.Sc.N. | Charge Nurse                    |
| Ms. Kalavathi Ravirajan    | B.Sc.N. | Charge Nurse                    |
| Ms. Kamakshi Munirathinam  | B.Sc.N. | Charge Nurse                    |
| Ms. Kirubamani Michael     | B.Sc.N. | Charge Nurse                    |
| Ms. Rosaline Kumar         | B.Sc.N. | Charge Nurse                    |
| Ms. Vijayalakshmi Kannan   | B.Sc.N. | Charge Nurse                    |
| Ms. Daisy Mohan            | B.Sc.N. | Charge Nurse                    |
| Ms. Sujatha Goldwin        | B.Sc.N. | Charge Nurse                    |

| <b>MEDICAL SURGICAL NURSING – SPECIALITY VI</b> |                  |  |
|---|------------------|--|
| <b>(Private Wards (A Block) &amp; L Ward)</b>   |                  |  |
| Dr. Selva Titus Chacko,                         | M.Sc.N. Ph.D.    | Professor (On Pre Retirement Sabbatical Leave) |
| Ms. Amalorpavamari,                             | M.Sc.N.          | Professor                                      |
| Ms. Lillian Percy Kujur,                        | M.Sc.N.          | Associate Professor                            |
| Ms. Sasikala Umesh,                             | M.Sc.N.          | Reader   |
| Ms. Arockiasseeli Mabel Annarani I.             | M.Sc.N.          | Reader   |
| Ms. Abijah Princy,                              | M.Sc.N.          | Lecturer                                       |
| Ms. Latha Gracelin P,                           | M.Sc.N.          | Junior Lecturer                                |
| Ms. Vasanthi Ravi,                              | B.Sc.N.          | Charge Nurse                                   |
| Ms. Merry Josephraj,                            | B.Sc.N.          | Charge Nurse                                   |
| Ms. Christy Babu,                               | B.Sc.N.          | Charge Nurse                                   |
| Ms. Aruna Sundarrajan,                          | B.Sc.N.          | Charge Nurse                                   |
| Ms. Joyce Vasanthakumar,                        | B.Sc.N.          | Charge Nurse                                   |
| Ms. Devakirubai Mohan,                          | B.Sc.N. F.F.N.P. | Charge Nurse                                   |
| Ms. Sangeetha Vishranth,                        | B.Sc.N.          | Charge Nurse                                   |
| Ms. Margaret Devadhanam,                        | B.Sc.N.          | Charge Nurse                                   |
| Ms. Anbukkani Mohan,                            | B.Sc.N.          | Charge Nurse                                   |
| Ms. Stella Grace Victoria A,                    | B.Sc.N.          | Charge Nurse                                   |
| Ms. Dhanalakshmi J,                             | B.Sc.N.          | Charge Nurse                                   |
| Ms. Jayakumari Jebaraj,                         | B.Sc.N.          | Charge Nurse                                   |
| Ms. Merlin Nancy Deepa V,                       | B.Sc.N.          | Charge Nurse                                   |
| Ms. Shirley Ann C,                              | B.Sc.N.          | Charge Nurse                                   |

| <b>MEDICAL SURGICAL NURSING – SPECIALITY VII</b>       |         |              |
|--|---------|--------------|
| <b>(Neurology, Trauma and Paediatric Orthopaedics)</b> |         |              |
| Ms. Rebecca Sumathi Bai                                | M.Sc.N. | Professor    |
| Ms. J. Mercy   | M.Sc.N. | Professor    |
| Ms. Deborah Snegalatha V                               | M.Sc.N. | Lecturer     |
| Ms. Teena Margaret                                     | B.Sc.N. | Tutor        |
| Ms. Mythili Elvis                                      | B.Sc.N. | Charge Nurse |
| Mr. Johnson Vijayakumar                                | B.Sc.N. | Charge Nurse |
| Ms. Monica Solomon                                     | B.Sc.N. | Charge Nurse |
| Ms. Emimal Kennedy                                     | B.Sc.N. | Charge Nurse |
| Ms. Priya Nandhini                                     | B.Sc.N. | Charge Nurse |
| Ms. Latha E  | B.Sc.N. | Charge Nurse |
| Ms. Parameswari R. Durai                               | B.Sc.N. | Charge Nurse |
| Ms. Princy Johanna J                                   | B.Sc.N. | Charge Nurse |



**NURSING SERVICE OFFICE**

|                            |         |              |
|----------------------------|---------|--------------|
| Ms. Priscilla Joseph       | B.Sc.N. | Charge Nurse |
| Ms. Esther Agnes Anitha C. | B.Sc.N. | Charge Nurse |
| Ms. Sugitha Wills          | B.Sc.N. | Charge Nurse |

**PHYSICAL EDUCATION**

|                         |                       |                   |
|-------------------------|-----------------------|-------------------|
| Mr. S. Naveena Krishnan | M.Sc., B.P.Ed., B.Ed. | Physical Director |
|-------------------------|-----------------------|-------------------|

**PSYCHIATRIC NURSING**

|                                 |                            |                                 |
|---------------------------------|----------------------------|---------------------------------|
| Dr. Manoranjitham Sathiyaseelan | M.Sc.N., M.Sc.[GC]., Ph.D. | Professor                       |
| Ms. Helen Sujatha Charles       | M.Sc.N., M.Phil.           | Professor                       |
| Ms. Santhi Lithiya Johnson      | M.Sc.N.                    | Professor (On Sabbatical Leave) |
| Ms. Jeeva Sebastian             | M.Sc.N., M.Psych., PGDGC.  | Reader                          |
| Ms. G. Aruna                    | M.Sc.N.                    | Lecturer                        |
| Mr. Dani Paul D                 | M.Sc.N.                    | Junior Lecturer                 |
| Ms. Mythili Vandana S. Charles  | M.Sc.N.                    | Junior Lecturer                 |
| Ms. Leena Joy                   | B.Sc.N.                    | Tutor                           |
| Ms. Jencey A                    | B.Sc.N.                    | Tutor                           |
| Ms. Beulah Esther Angel         | B.Sc.N.                    | Charge Nurse                    |
| Mr. Karunakaran K.P.            | B.Sc.N.                    | Charge Nurse                    |
| Ms. Ebenezer Beulah S           | B.Sc.N.                    | Charge Nurse                    |

**PSYCHOLOGY**

|                          |                       |                  |
|--------------------------|-----------------------|------------------|
| Dr. Preeti Tabitha Louis | M.Sc., M.Phil., Ph.D. | Sr. Demonstrator |
|--------------------------|-----------------------|------------------|

**SOCIOLOGY**

|                         |      |                  |
|-------------------------|------|------------------|
| Ms. Meenatchi Papanasam | M.A. | Sr. Demonstrator |
|-------------------------|------|------------------|

**SURGICAL NURSING**

|                         |                |                            |
|-------------------------|----------------|----------------------------|
| Dr. Premila Lee         | M.Sc.N., Ph.D. | Professor                  |
| Ms. Sheela Durai        | M.Sc.N.        | Professor                  |
| Ms. Ida Nirmal          | M.Sc.N.        | Professor                  |
| Ms. Nirmala Margaret    | M.Sc.N.        | Professor                  |
| Ms. Asha Solomon        | M.Sc.N.        | Professor (On Study Leave) |
| Ms. Hepsi R.            | M.Sc.N.        | Reader                     |
| Ms. Angel Rajakumari R. | M.Sc.N.        | Junior Lecturer            |
| Ms. Jothi Priya Nixon   | B.Sc.N.        | Tutor (On Study Leave)     |
| Ms. Anu Bharathi        | B.Sc.N.        | Tutor                      |
| Ms. Cithu Achens        | B.Sc.N.        | Tutor                      |
| Ms. Benita Christina    | B.Sc.N.        | Tutor                      |

|                        |         |                               |
|------------------------|---------|-------------------------------|
| Ms. Jancy J            | B.Sc.N. | Tutor                         |
| Ms. Glory Ashok        | B.Sc.N. | Charge Nurse                  |
| Ms. Beaula Rose J      | B.Sc.N. | Charge Nurse                  |
| Ms. Jeenus Kalaivanan  | B.Sc.N. | Charge Nurse                  |
| Ms. Priyadarshini K    | B.Sc.N. | Charge Nurse                  |
| Ms. Tharani Sandhilyan | B.Sc.N. | Charge Nurse                  |
| Ms. Latha Madan Kumar  | B.Sc.N. | Charge Nurse                  |
| Mr. David Sam Paul R   | B.Sc.N. | Charge Nurse [On Study Leave] |

| REHABILITATION    |         |              |
|-------------------|---------|--------------|
| Ms. Priscilla Sam | M.Sc.N. | Professor    |
| Ms. Nightingale J | B.Sc.N. | Charge Nurse |
| Mr. Isack M       | B.Sc.N. | Charge Nurse |

| TAMIL                               |  |  |
|-------------------------------------|--|--|
| To be appointed in the near future. |  |  |

## College of Nursing CMC Vellore, Chittoor Campus

Affiliated to Dr. NTR University of Health Sciences, Vijayawada, Andhra Pradesh.

| Faculty                |         |               |
|------------------------|---------|---------------|
| Ms. Rosaline Jayakaran | M.Sc. N | Professor     |
| Ms. Valliammal Babu    | M.Sc. N | Professor     |
| Ms. Preety Gaikwad     | M.Sc. N | Jr. Lecturer  |
| Ms. Anbarasi Benjamin  | M.Sc. N | Nurse Manager |
| Ms. Sophia Percy       | B.Sc. N | Tutor         |
| Ms. Jonisha Banu       | B.Sc. N | Tutor         |
| Ms. Neethu Thomas      | B.Sc. N | Tutor         |
| Ms. Abina Anna John    | B.Sc. N | Tutor         |
| Ms. Anju K Antony      | B.Sc. N | Tutor         |

## Annexure - I

**FEE STRUCTURE (In Rupees)**

The mission of Christian Medical College, Vellore is to provide quality education at affordable rates, so that the beneficiaries will go out with the spirit of service. The Christian Medical College, Vellore has made a conscious decision to charge only a nominal amount for each student which is summarized as follows:

| MBBS                              | Fee (in Rupees)  |
|-----------------------------------|------------------|
| Tuition fee (per year)            | 3,000.00         |
| One time College fee at admission | 7,300.00         |
| Other annual fee                  | 23,605.00        |
| One time payment to University    | 14,425.00        |
| <b>College Fee Total</b>          | <b>48,330.00</b> |

|                                       |       |           |
|---------------------------------------|-------|-----------|
| Hostel charges -Deposits and advances | Men   | 10,000.00 |
|                                       | Women | 8,000.00  |

|               |       |                   |
|---------------|-------|-------------------|
| Monthly bills | Men   | (approx) 6,000.00 |
|               | Women | (approx) 6,000.00 |

**MEDICAL POSTGRADUATE COURSES**

## Degree and Diploma

|                            | 2 yr. Diploma       | 2 yr. Degree (Post Diploma) | 3 yr. Degree       |
|----------------------------|---------------------|-----------------------------|--------------------|
| Tuition fee                | 800.00              | 800.00                      | 1,200.00           |
| One time establishment fee | 20,000.00           | 20,000.00                   | 30,000.00          |
| University fee             | 1,19,800.00         | 1,33,500.00                 | 1,33,500.00        |
| Others                     | 9,100.00            | 12,600.00                   | 13,100.00          |
| <b>Total</b>               | <b>1,49,700.00*</b> | <b>1,66,900.00</b>          | <b>1,77,800.00</b> |

# THIS AMOUNT MUST BE PAID INITIALLY IN A SINGLE INSTALLMENT

| DM/MCh Courses* Fee (in Rupees) | DM/M.Ch            | M.Ch Neurosurgery 3 years | M.Ch Neurosurgery 6 years |
|---------------------------------|--------------------|---------------------------|---------------------------|
| Tuition fee                     | 1,500.00           | 1,500.00                  | 3,000.00                  |
| One time establishment fee      | 30,000.00          | 30,000.00                 | 60,000.00                 |
| University fee                  | 1,60,126.00        | 1,66,126.00               | 1,58,300.00               |
| Others                          | 13,100.00          | 13,100.00                 | 14,600.00                 |
| <b>Total</b>                    | <b>2,04,726.00</b> | <b>2,10,726.00</b>        | <b>2,35,900.00</b>        |

\* THIS AMOUNT MUST BE PAID INITIALLY IN A SINGLE INSTALLMENT

| Post Graduate Fellowship Fee (In Rupees) | 1 Year Course    | 2 Year Course    |
|--|------------------|------------------|
| Tuition Fee                              | 500.00           | 1,000.00         |
| One time establishment Fee               | 10,500.00        | 21,000.00        |
| Others                                   | 18,800.00        | 22,500.00        |
| <b>Total for other courses</b>           | <b>29,000.00</b> | <b>44,500.00</b> |

## POST DOCTORAL FELLOWSHIP

| Fee (In Rupees)  | 1 Year Course    | 2 Year Course    |
|--|------------------|------------------|
| Tuition Fee  | 500.00           | 1,000.00         |
| One time establishment fee                             | 13,500.00        | 23,000.00        |
| University Registration / Application Fee <sup>#</sup> | 6,000.00         | 6,000.00         |
| Others   | 18,000.00        | 22,500.00        |
| <b>Total for university approved courses</b>           | <b>38,000.00</b> | <b>52,500.00</b> |
| <b>Total for other courses</b>                         | <b>32,000.00</b> | <b>46,500.00</b> |

# ONLY FOR UNIVERSITY AFFILIATED COURSES

## NURSING

Diploma in General Nursing and Midwifery

| Fee (in Rupees)                          | First year | Second year | Third year |
|--|------------|-------------|------------|
| Tuition fee                              | 350.00     | 250.00      | 250.00     |
| Other Annual fees including uniform      | 19,980.00  | 7,490.00    | 7,490.00   |
| BNE NL CMAI SIB fee Examination & Others | 2,950.00   | 3,300.00    | 3,550.00   |
| Hostel & Mess fee (Annual)               | 35,700.00  | 34,200.00   | 34,200.00  |

B.Sc. Nursing

| Fee (in Rupees)                    | First year | Second year | Third year | Fourth year |
|------------------------------------|------------|-------------|------------|-------------|
| Tuition fee                        | 810.00     | 810.00      | 810.00     | 810.00      |
| Other annual fee including uniform | 21,280.00  | 8,690.00    | 6,840.00   | 8,390.00    |
| University fee                     | 9,650.00   | 4,350.00    | 4,400.00   | 4,950.00    |
| Hostel & Mess fee (Annual)         | 35,700.00  | 34,200.00   | 34,200.00  | 34,200.00   |

M.Sc. Degree in Nursing

| Fee (In Rupees)            | First year | Second year |
|----------------------------|------------|-------------|
| Tuition fees               | 1,000.00   | 1,000.00    |
| Other annual fee           | 11,765.00  | 8,375.00    |
| University fee             | 26,150.00  | 14,900.00   |
| Hostel & Mess fee (Annual) | 35,700.00  | 34,200.00   |

Post Basic B.Sc. Nursing

| Fee (in Rupees)                    | First year | Second year |
|------------------------------------|------------|-------------|
| Tuition fee                        | 810.00     | 810.00      |
| Other annual fee including uniform | 10,045.00  | 9,185.00    |
| University fee                     | 13,400.00  | 6,450.00    |
| Hostel & Mess fee (Annual)         | 35,700.00  | 34,200.00   |

## Post Basic Diploma in Nursing

| Fee (in Rupees)                          | Recognized by institution | Recognized by INC |
|--|---------------------------|-------------------|
| Tuition fee                              | 350.00                    | 350.00            |
| Other annual fee                         | 10,065.00                 | 8,315.00          |
| BNE NL CMAI SIB fee Examination & Others | --                        | 6,250.00          |
| Hostel & Mess fee (Annual)               | 35,700.00                 | 35,700.00         |

## Fellowship in Nursing

| Fee (in Rupees)            | Family Nurse Practice | Haematology Nursing & Respiratory Nursing |
|----------------------------|-----------------------|---|
| Tuition fee                | 1,000.00              | 1,000.00                                  |
| Other annual fee           | 9,490.00              | 8,965.00                                  |
| Hostel & Mess fee (Annual) | 35,700.00             | 35,700.00                                 |

## ALLIED HEALTH SCIENCES - DEGREE COURSES

| Degree courses                               | BMRSc     | BOT       | BPT       | Other Degree courses |
|--|-----------|-----------|-----------|----------------------|
| Tuition Fee (Yearly)                         | 600.00    | 600.00    | 600.00    | 600.00               |
| Annual fee                                   | 9,620.00  | 9,530.00  | 9,520.00  | 12,520.00            |
| University Fee                               | 9,860.00  | 10,950.00 | 10,960.00 | 8,860.00             |
| Other one time fee                           | 4,000.00  | 1,550.00  | 1,050.00  | 1,300.00             |
| Total fee                                    | 24,080.00 | 22,630.00 | 22,130.00 | 23,280.00            |
| <b>Hostel Fee for all AHS degree courses</b> |           |           |           |                      |
| One time deposit                             |           |           |           | 8,000.00             |
| Yearly payment                               |           |           |           | 14,500.00            |
| Monthly bill                                 |           |           |           | 4,000.00             |

## ALLIED HEALTH SCIENCES - DIPLOMA COURSES

| Course                                    | Tuition Fee |        | Others   |          | Total    |          |
|---|-------------|--------|----------|----------|----------|----------|
|   | 1st yr      | 2nd yr | 1st yr   | 2nd yr   | 1st yr   | 2nd yr   |
| Diploma in Anaesthesia Technology         | 200.00      | 200.00 | 3,576.00 | 3,104.00 | 3,776.00 | 3,304.00 |
| Dermatology laboratory                    | 300.00      | -      | 6,544.00 | -        | 6,844.00 | -        |
| Hand and Leprosy Physiotherapy Technology | 200.00      | 200.00 | 4,048.00 | 3,104.00 | 4,248.00 | 3,304.00 |
| Hospital Equipment Maintenance            | 300.00      | -      | 4,774.00 | -        | 5,074.00 | -        |
| Hospital Sterilization Technology         | 200.00      | 200.00 | 4,048.00 | 3,104.00 | 4,248.00 | 3,304.00 |
| Medical Radiation Technology              | 300.00      | 300.00 | 5,600.00 | 5,364.00 | 5,900.00 | 5,664.00 |
| Optometry                                 | 400.00      | 400.00 | 3,730.00 | 3,140.00 | 4,130.00 | 3,540.00 |
| Urology Technology                        | 300.00      | 300.00 | 4,656.00 | 4,184.00 | 4,956.00 | 4,484.00 |

HOSTEL FEE: ONE TIME DEPOSIT RS.8000/-, YEARLY PAYMENT RS.15,500/-, MONTHLY BILL RS.4000/-

## DIPLOMA COURSES – CHITTOOR CAMPUS

| Course                            | Tuition Fee |        | Others |        | Total  |        |
|-----------------------------------|-------------|--------|--------|--------|--------|--------|
|                                   | 1st yr      | 2nd yr | 1st yr | 2nd yr | 1st yr | 2nd yr |
| Diploma in Anaesthesia Technology | 200.00      | 200.00 | 3,576  | 3,104  | 3,776  | 3,304  |
| Diploma in Laboratory Technology  | 300.00      | 300.00 | 6,544  | 5,364  | 6,844  | 5,664  |
| Optometry                         | 400.00      | 400.00 | 3,730  | 3,140  | 4,130  | 3,540  |
| Hospital Sterilization Technology | 200.00      | 200.00 | 4,048  | 3,104  | 4,248  | 3,304  |

HOSTEL FEE: ONE TIME DEPOSIT RS.8000/-, YEARLY PAYMENT RS.15,500/-, MONTHLY BILL RS.4000/-

## POST GRADUATE DIPLOMA AND FELLOWSHIP COURSES

| Course   | Tuition Fee |        | Others |        | Total  |        |
|--|-------------|--------|--------|--------|--------|--------|
|  | 1st yr      | 2nd yr | 1st yr | 2nd yr | 1st yr | 2nd yr |
| Assisted Reproductive Technology                                 | 600.00      | 600.00 | 4,120  | 3,648  | 4,720  | 4,248  |
| Cardiac Technology   | 200.00      | 200.00 | 3,576  | 3,104  | 3,776  | 3,304  |
| Clinical Pastoral Counselling                                    | 600.00      | -      | 6,480  | -      | 7,080  | -      |
| Cytogenetics   | 600.00      | 600.00 | 4,120  | 3,648  | 4,720  | 4,248  |
| Dietetics  | 600.00      | -      | 3,884  | -      | 4,484  | -      |
| Genetic Diagnosis Technology                                     | 600.00      | 600.00 | 4,120  | 3,648  | 4,720  | 4,248  |
| Health Economics, Policy & Financial Management                  | 1,930.00    | -      | 3,970  | -      | 5,900  | -      |
| Health Management  | 1,500.00    | -      | 5,816  | -      | 7,316  | -      |
| Histopathological Lab technology                                 | 300.00      | -      | 6,662  | -      | 6,962  | -      |
| Hospital Administration  | 15,000.00   | -      | 22,996 | -      | 37,996 | -      |
| Medical Microbiology   | 600.00      | -      | 6,834  | -      | 7,434  | -      |
| Fellowship in Antimicrobial Stewardship for Clinical Pharmacists | 1,500.00    | -      | 9,474  | -      | 10,974 | -      |

HOSTEL FEE: ONE TIME DEPOSIT RS.8000/-, YEARLY PAYMENT RS.15,500/-, MONTHLY BILL RS.4000/-

## MASTERS

| Courses            | Tuition Fee (per year)                            | One time payment on admission | University Fee | Others (per year) | Total     |
|--------------------|---|-------------------------------|----------------|-------------------|-----------|
| Epidemiology       | 1,200.00  | 3,825.00                      | 9,760.00       | 12,120.00         | 26,905.00 |
| Biostatistics      | 1,200.00  | 3,825.00                      | 9,785.00       | 8,170.00          | 22,980.00 |
| Medical Physics    | 1,200.00  | 3,825.00                      | 9,785.00       | 13,520.00         | 28,330.00 |
| MPH                | First Year Rs.90,000.00<br>Second Yr Rs.40,000.00 |                               |                |                   |           |
| MPT                | 1,200.00  | 3,825.00                      | 9,810.00       | 9,120.00          | 23,955.00 |
| MHA                | First Year Rs.75,000.00<br>Second Yr Rs.75,000.00 |                               |                |                   |           |
| Clinical Nutrition | 1,200.00  | 3,825.00                      | 9,810.00       | 9,120.00          | 23,955.00 |
| Nuclear Medicine   | 1,200.00  | 3,825.00                      | 9,785.00       | 13,520.00         | 28,330.00 |

Hostel Fee is as for AHS Degree Courses.

The above amounts are indicative of expenses and the management reserves the right to revise the College & Hostel Fees from time to time. Details of the fee mentioned above can be had on request from the Registrar's office Accountant. Scholarships are available after admission for economically disadvantaged candidates.

**Important:** Hostel facility for PG Diploma and Master's Degrees is subject to availability of accommodation.

## Annexure - II

## MINORITY NETWORK CHRISTIAN CHURCHES/ ORGANISATIONS

Minority Network Christian Churches/Organisations that may recommend candidates for selection to educational courses

| Code | Churches/Organisations   | Code | Churches/Organisations                                     |
|------|--|------|--|
| 1.   | Andhra Evangelical Lutheran Church                                   | 35.  | Khasi Jaintia Presbyterian Assembly                        |
| 4.   | Baptist Church of Mizoram  | 37.  | Malankara Jacobite Syrian Orthodox Church                  |
| 5.   | Chaldean Syrian Church of the East                                   | 38.  | Malankara Orthodox Syrian Church Catholicate of the East @ |
| 6.   | Christian Assemblies in India  | 39.  | Marathi Mission  |
| 8.   | Church of North India, Nagpur Diocese                                | 40.  | Marthoma Syrian Church of Malabar                          |
| 9.   | Church of North India Synod – The Synodical Board of Health services | 41.  | Mennonite Medical Board of the Mennonite Church in India.  |
| 12.  | C.S.I. Kanyakumari Diocese   | 42.  | Methodist Church in India                                  |
| 14.  | C.S.I. Karnataka Diocese Inter Diocesan Medical Board                | 43.  | Mizo Presbyterian Church Synod                             |
| 16.  | C.S.I. Madras Diocese  | 44.  | North Bank Baptist Christian Association                   |
| 17.  | C.S.I. Madhya Kerala Diocese   | 45.  | Poona Christian Medical Association                        |
| 18.  | C.S.I. Madurai-Ramnad Diocese  | 46.  | The Salvation Army India South Eastern Territory           |
| 20.  | C.S.I. North Kerala Diocese  | 48.  | The Salvation Army India Western Territory                 |
| 21.  | C.S.I. Rayalaseema Diocese   | 50.  | Southern Asia Division of Seventh Day Adventists           |
| 22.  | C.S.I. South Kerala Diocese @  | 51.  | Tamil Evangelical Lutheran Church                          |
| 23.  | C.S.I. Tiruchy-Tanjore Diocese                                       | 52.  | U.P. Regional Board of Health Services                     |
| 24.  | C.S.I. Tirunelveli Diocese   | 53.  | The Leprosy Mission  |
| 25.  | C.S.I. Vellore Diocese \$  | 54.  | Christoffel Blinden Mission                                |
| 26.  | Council of Baptist Churches in North East India                      | 55.  | C.S.I. Jaffna Diocese                                      |
| 27.  | Council of Christian Hospitals                                       | 56.  | International Mission Board, Southern Baptist Convention   |
| 28.  | Eastern Regional Board of Health Services                            | 58.  | South East Asia Union Mission of SDA Singapore             |
| 29.  | Emmanuel Hospital Association  | 59.  | United Mission to Nepal                                    |
| 30.  | Evangelical Lutheran Church in Madhya Pradesh                        | 60.  | Christian Medical College, Vellore                         |
| 33.  | Inter Ashram Fellowship  | 61.  | College of Nursing, CMC*                                   |
| 34.  | Jeypore Evangelical Lutheran Church                                  | 62.  | Undergraduate College Recommendation for Christians**      |

@ Not eligible to recommend to Minority Network Category for MBBS course

\* Recommends to Minority Network Category only for Diploma in Nursing course

\*\* Recommends to Minority Network Category only for Group A courses

\$ Not eligible to recommend to Minority Network category for the following AHS Courses for a period of one year: PG Diploma in Cardiac Technology and BSc Radiotherapy Technology.

## Annexure III

# BASIC INFORMATION FOR UNDERGRADUATE STUDENT HOSTELS

### Men's Hostel

All men medical students of Christian Medical College, Vellore have their residence in the Men's Hostel. There is a security guard station at the entrance of the Hostel. The hostel, otherwise known as the "Mansion of the Gods" is run by the Men's Hostel Union (MHU). The MHU, with its elected governing body is responsible for the day to day functioning of the hostel. The governing body, the resident warden and senior warden are available for assistance at all times.

Hostel is a place where you learn perhaps life's most important lessons, and mould the man you become, as such we take our hostel residents and Hostel extremely seriously. The facilities provided to all hostel residents in the rooms are a cot, table, chair, cupboard and ceiling fan. Other basic essentials and appliances can be purchased from Hostel at the time of admission.

The Hostel mess, which is also run by hostel residents, offers a wide variety of options on the menu across both vegetarian and non-vegetarian items, which is amongst the best in taste and quality. All hostel residents will be provided with mess bills every month and it is his responsibility to ensure that it is paid within the specified last date. Any difficulty in paying fees should be brought to the notice of the Hostel Treasurer, General Secretary.

Common facilities for washing (including washing machine) and drying clothes are available. Clothes can also be given to dhobis who come to the hostel. Other facilities that are available are Hostel Chapel, Game Room, Hostel Gym, Library, Garden and TV/ Projector room. Aside from this there is always a vast plethora of Hostel activities, which create the Mansion's vibrant culture and rich bonds.

Free Wi-Fi facility is available in Hostel. Hostel doctors are always available to help in case of any illness. Men visitors are allowed to come after college hours with prior intimation to the General Secretary. Lady visitors are only allowed outside the Hostel premises; family members are allowed

access until 6 pm with prior permission from the General Secretary.

All students will be required to provide contact address and phone number of a local guardian (if available) and parents. A list of various church services in Vellore along with contact information of hostel residents attending will be available for the new hostel residents. Students are free to attend any church service of their choosing. Sunday services are also held in various languages in the hospital chapel and in English in the college chapel. A weekly Bible Study is also held in the Hostel Chapel for all hostel residents.

As part of the UGC rules, ragging of any kind is not allowed in the hostel. If there are any such incidents, the student can contact the hostel governing body members or the wardens for necessary action.

### Women's Hostel

The Women's Hostel is the residence of all lady medical students of Christian Medical College, Vellore. This 'Paradise on Earth' is a place where everyone who enters its glorious portals are transformed from young girls to beautiful independent women. The Women's Hostel Association (WHA) is run by the hostel residents themselves, with the help of the elected Governing body who can be approached at any time for any assistance. There are two hostel wardens- a resident warden and a senior warden.

All lady medical students have to stay in the Women's Hostel and thus benefit from all the experiences of a shared life in hostel. The facilities available in the rooms are cot, table, chair, cupboard and ceiling fan. Other basic essentials can be purchased from the hostel at the time of admission. The food is provided in the hostel mess which runs by the dividing system which offers vegetarian, non-vegetarian and mixed vegetarian menu. Common facilities for washing including washing machine and drying are available. Clothes can also be given to dhobis who come to the hostel.



Other facilities that are available are recreation room, gymnasium, library, dance room, music room, prayer room, reading room and a mini kitchen. Wi-Fi facility is present throughout hostel. Hostel doctors are always available to help in case of any illness. The curfew is to be strictly followed and no student is allowed to stay out of hostel unless prior permission is obtained from the General Secretary.

Men visitors are received only at the entrance and are not allowed in hostel. Parents and other family members can use the visitors' room. In case of special circumstances, lady guests can stay in the hostel for up to a maximum of 3 days, with permission from the General Secretary. All students should pay the mess bills within the specified last date, failure of which will result in fines. Any difficulty in paying fees should be brought to the notice of the hostel Treasurer/General Secretary/Wardens.

All students should provide contact address and phone number of a local guardian (if available), and parents. A list of various church services in Vellore along with contact information of hostel residents attending will be put up on the hostel notice board for guiding new students. Students are free to attend any church service. Sunday services are also held in various languages in the hospital chapel and in English in the college chapel.

As part of the UGC rules, ragging of any kind is not allowed in the hostel. If there are any such incidents, the student can contact the hostel governing body members or the wardens for necessary action.

### **Dorothy Joske Hostel**

The Dorothy Joske (DJ) Hostel is the residence of male Allied Health Science students. Adequate security is provided for the hostel. The hostel is managed by the governing body elected by the inmates. The governing body, the resident warden and senior warden are available for assistance at all times. The facilities available in the rooms are cot, table, chair, cupboard and ceiling fan. Other basic essentials like bulb, bucket, mug, door lock, bed sheets and mattress should be brought by the students at the time of admission.

Common facilities for washing (including washing machine) and drying clothes are available. Clothes can also be given to dhobis who come to the hostel. Other facilities that are available are recreation room, hot water geyser, table tennis room and mini

gymnasium. Wi-Fi facility is present throughout hostel. Food is provided in the hostel mess which runs by the dividing system and all students are requested to eat from the mess. No cooking is allowed in the hostel rooms. Students need to sign out of the mess if they are away from the hostel for more than a week. The information should be conveyed to the mess manager to avoid wastage of food. All students should pay the mess bills before the 10th of every month. Payments can be done through SBI collect or NEFT to the hostel account. A caution deposit will be collected from the student during admission, for using hostel facilities.

During the first three months, all students should be in the hostel by 9 pm. Students can go out during weekends with prior permission from the Wardens. All students should provide contact address and phone number of local guardian (if available) and parents. The visiting hours for the hostel are from 6:00 pm to 9:00 pm. Students who are not inmates are not allowed to enter the hostel premises. In special circumstances only male parent/ guardian can stay in the hostel with prior permission from the Warden and General Secretary.

Buses will be available from 7.00 am from Hostel to Hospital and after 4.30 pm from Hospital to Hostel. All students need to pay for using the transport facilities. Students are free to attend any of the churches in Vellore. Sunday services are also held in the hospital and college chapels.

As part of the UGC rules, ragging of any kind is not allowed in the hostel. If there are any such incidents, the student can contact the hostel governing body members or the warden/deputy warden for necessary action.

### **Fitch Memorial Women's Hostel**

To a life that contributes to introspection, character development and cherished memories

Where nights turn into morning with family who turn into friends, that's hostel for us

The Fitch Memorial Women's Hostel, which accommodates girls from 18 AHS degree courses, is a student run hostel, situated in the serene and calm surroundings of the Bagayam campus. The hostel is spread across the campus as the main hostel, extension houses, Mango road houses, AMP lodge and Shantinilayam hostel (for Diploma students).

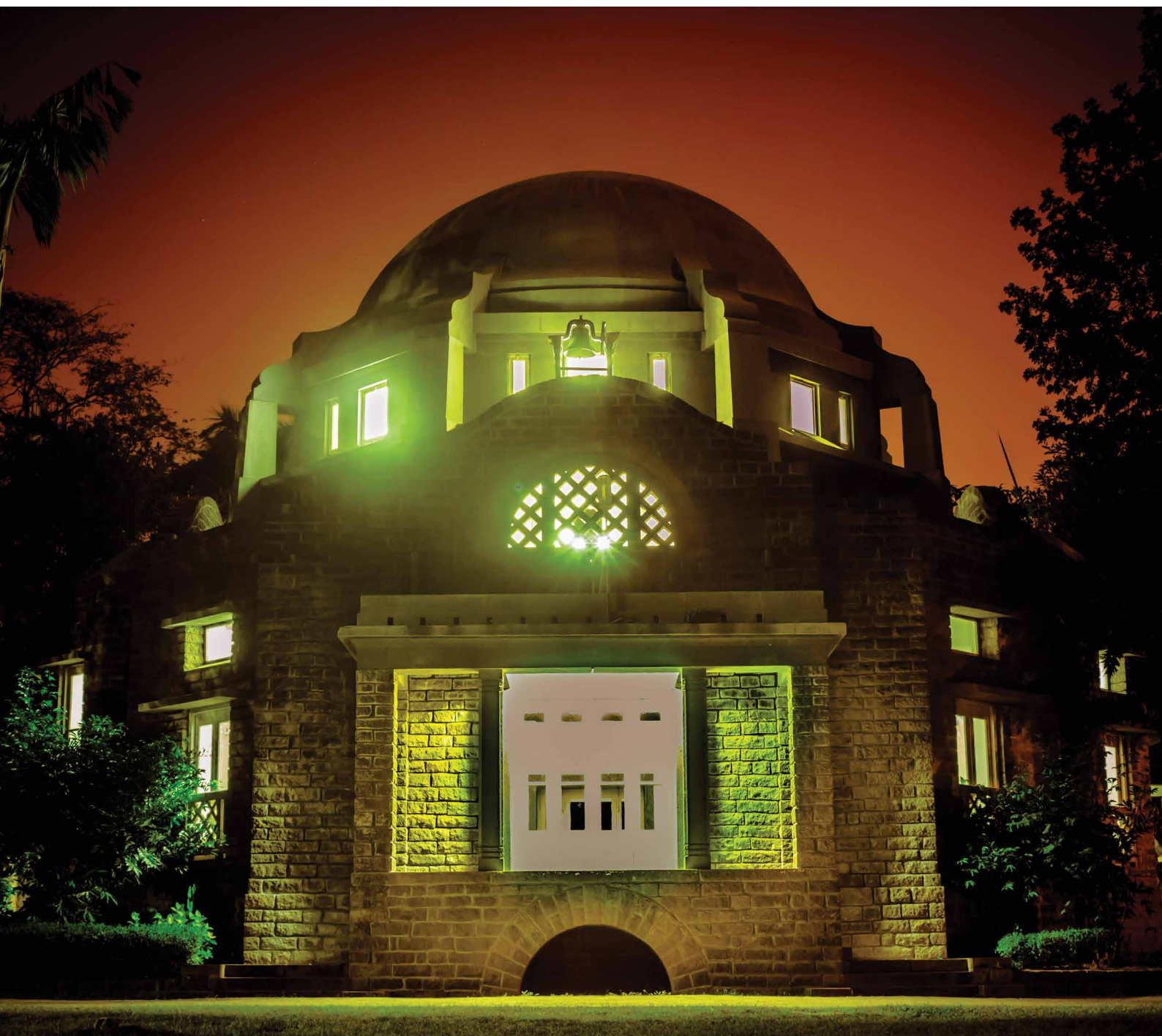
When you join hostel, here are the things you're required to purchase: mattress, pillow, bucket and mug. We have a fully functional mess which provides three meals a day and evening snacks.

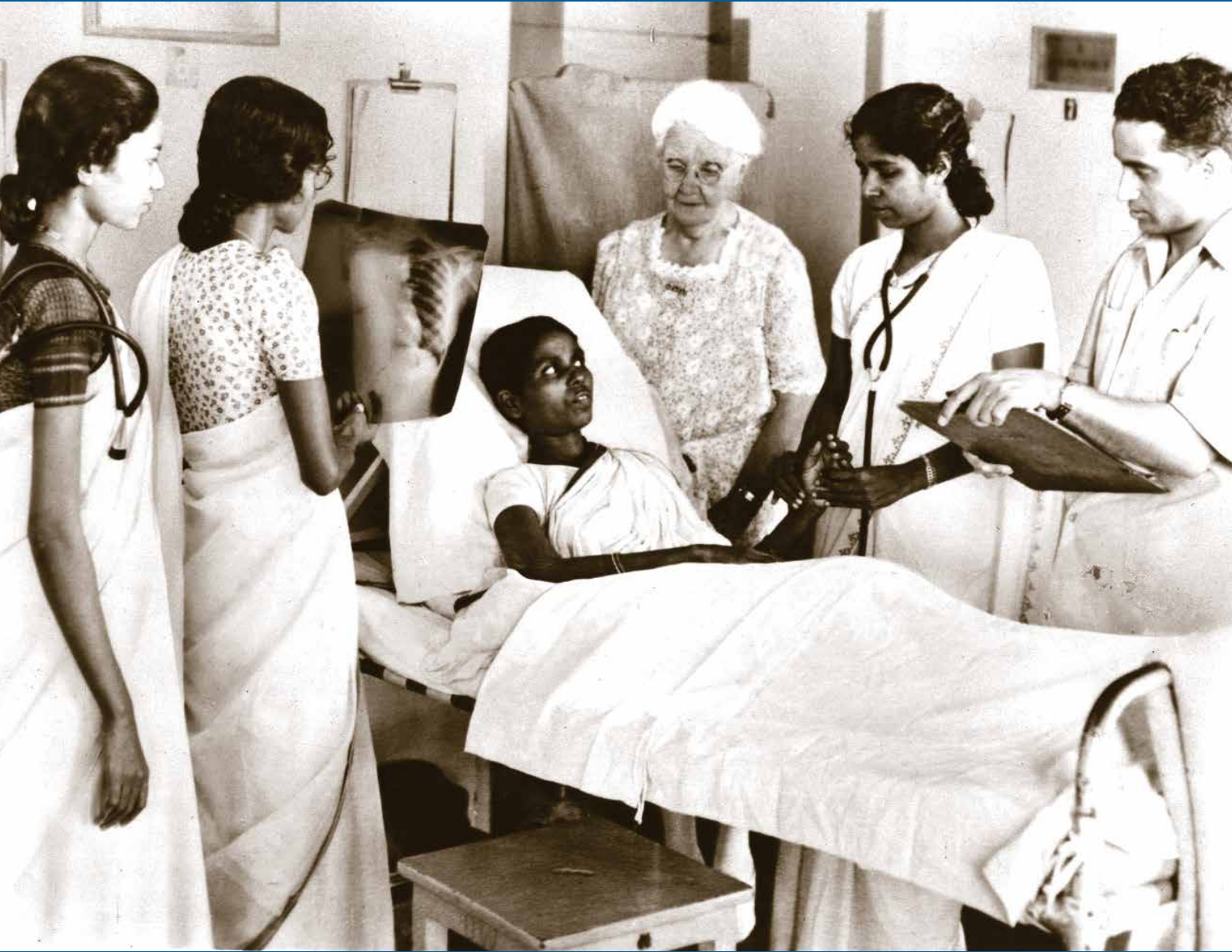
The timing of the college is from 8:00 am to 4:30 pm, which may differ from course to course. Bus facility is provided by the college for commute from the hostel campus to the hospital. With regard to visiting hours and days, male relatives are allowed to visit from 7am to 9 pm in the visitors' room, as for female relatives, they are allowed at any time provided prior information is given to the General Secretary of the Hostel regarding either of the relatives.

The campus is a secure environment with guards at all times. Laundry services can be availed once a

week. The students are allowed to visit their home during weekends, provided they submit letters to the Warden. A student database is maintained by the hostel administration, which is to be filled by the parents/guardians during admission. When it comes to academics the requirements of each course is unique and is taken care by their respective departments. Probably the best thing about hostel is our prayer time, Monday through Friday, at 9 pm. To sum it up, it's an experience of a lifetime and we are eagerly looking forward to those willing to take up this venture.

As part of the UGC rules, ragging of any kind is not allowed in the hostel. If there are any such incidents, the student can contact the hostel governing body members or the wardens for necessary action.





Clinics with Dr Ida S Scudder

