

MOUNT ZION GROUP OF INSTITUTIONS

UNDER

THE CHARITABLE EDUCATIONAL AND WELFARE SOCIETY

KADAMMANITTA, PATHANAMTHITTA District, KERALA State.

Activities of the Promoting Body since Inception

The Society is registered under Travancore - Kochi Sahitya, Sastriya, Dharma Sangangal Registration Act (XII) of 1955 of Government of Kerala on 20-11-1983 (Q. 373/83).

The Chairman of the society is Dr. K. J. Abraham Kalamannil. In appreciation of his meritorious services in the field of education, the famous Ras- Al- Khaima Middle East University has awarded Dr. K. J. Abraham Kalamannil with a Doctorate Degree. Dr. K. J. Abraham Kalamannil has been the back bone of various academic institutions under Mount Zion Group since 1983. Under the able and efficient administration of the honorable Chairman the institutions have attained major developments. In all the institutions nearly 4,500 students are studying in different disciplines and 1,300 employees are working as Faculties, Doctors, Nurses, Lab staff and other supporting staff.

Academics: The promoting body has rendered selfless service in the academic field for the last three decades. The following are the educational institutions under the management of the promoting body.

1. MOUNT ZION RESIDENTIAL SCHOOL

Kadammanitta, Pathanamthitta



An ICSE affiliated School established in 1987. The school has a strength of around 600 students with 42 staffs. The school is located in a place where there is rich natural beauty. The students are also trained in co-curricular activities.

I.C.S.E. Examination conducted by the Council for the Indian School Certificate Examination. A high standard of curricular and Co-curricular activities, discipline, development of good moral and social habits which make the children to be good citizens are the salient features of education imparted by this institution.

The medium of instruction is English. However, the National language and the Mother tongue are assigned a vital role in the curriculum in conformity with the three language formulae for our National Education Policy.

2. MOUNT ZION COLLEGE OF ENGINEERING

(Approved by AICTE, Affiliated to APJ Abdul Kalam Technological University,
Thiruvananthapuram)

Kadammanitta, Pathanamthitta - 689 649

Tel: 0468 - 2216325, 2217525 Fax: 0468 - 2217425



Website: www.mountzioncollege.org e-mail: mzcengg@gmail.com

Mount Zion College of Engineering was established in 2001 at Kadammanitta in Pathanamthitta District, Kerala. The College is approved by AICTE, and is affiliated to APJ Abdul Kalam Technological University now. Mount Zion Group is managed by the Charitable Educational and Welfare Society (Reg. No. Q378/83) comprised of the very same visionaries who sow the seed of this concept. The college is all set to break new grounds of excellence in the field of technological education.

B. Tech Courses

Aeronautical Engineering

Aeronautical Engineering department is the latest department in the college and was started in 2009. Ours is the ever first college under MG university to offer this course. The college is equipped with all lab facilities and aircrafts imported from foreign countries for making practical study of Aeronautical Engineering a passion to the students. The department has an intake capacity of 60 students per year.



Applied Electronics & Instrumentation Engineering

Day to day life of modern man is very much related to electronic gadgets, so this segment is on the lookout for best minds. At the Department of Applied Electronics and Instrumentation, we offer an 8-semester Engineering programme to bring out the best professionals. The



department has a modern lab that features state of the art equipments to provide quality practical hours. And the well-qualified faculty will empower the students with contemporary knowledge.

Computer Science & Engineering

Today, computers are an indispensable element of life. At Mount Zion Engineering College, we provide best of the breed 8 semesters training in computer science and engineering. The key facilities of the department include a computer lab with 300 LAN enabled computers, of which 50 computers have 10 mbps Internet connectivity. Also the computer lab has high end Compaq and HCL servers.



Electronics & Communication Engineering

This branch of engineering assumes a major role as the Electronics and Communication industry makes quantum leaps in the global level. The department offers 8 Semester 4-year course on Electronics and Communications. Apart from lecture sessions supported by OHP & LCD presentations, the department provides well-designed lab hours. For that purpose, the department maintains modern labs for Electronic Circuits, Digital electronics, Microprocessors, Microwave communication, linear integrated Circuits and instrumentation.



Mechanical Engineering

The Department of Mechanical Engineering aims to develop mechanical engineers who are innovative, entrepreneurial, and equipped to become global leaders in research and technology. It seeks to engage outstanding graduate students and faculty researchers to expand the range of knowledge in the mechanical engineering.

Civil Engineering

Civil Engineering is one of the core engineering professions in the world. The study of civil engineering is broad and includes study of diverse subjects like Structural Engineering, Construction Engineering, Transportation Engineering, Environmental Engineering, Foundation Engineering, water resources engineering etc. The course will make the students capable of



identifying, formulating and solving civil engineering problems that meet specified performance, cost, time, safety and other quality needs and objectives with professional and ethical responsibility.

PG Courses

M.Tech : Computer Science & Engineering
Communication Engineering

Master of Computer Applications (MCA) 2 Years

MCA or **Master of Computer Applications** is a 2-year postgraduate degree course. It deals in various aspects of computer applications, from software, networking and hardware studies.

Mount Zion School of Business Management

The Mount Zion School of Business Management, a long cherished dream of the Group, started functioning in the year 2007. The institution takes special effort to provide quality education in Management principles in addition to building leadership qualities and commitment to the society.

The Two year MBA programme comprises of four semesters offering six specializations viz, marketing, finance, systems, human resources, operation management and international business. In addition to this, each aspirant has to carry out a summer training programme in an industry, which ensures corporate exposure. In the final semester one has to do a research based project work for two months in a reputed organization, which provides him/her with an opportunity to get absorbed in the company.



3. MOUNT ZION COLLEGE OF AIRCRAFT MAINTENANCE ENGINEERING (Approved by DGCA, Govt. of India) KADAMMANITTA, PATHANAMTHITTA



Mount Zion College of AME is established in 2007 and is approved by Director General of Civil Aviation, Govt. of India for imparting ab - initio training in the field of Aircraft Maintenance Engineering in Mechanical Stream (Light Aero planes, Heavy Aero plane, Piston Engine and Jet Engine.) The objective of the Aircraft Maintenance Engineering institutes is to provide the students with necessary knowledge, experience and skills on Aircraft Maintenance techniques in and to pass AME license examination conducted by DGCA.



4. MOUNT ZION INSTITUTE OF SCIENCE & TECHNOLOGY

(Approved by AICTE, Affiliated to APJ Abdul Kalam Technological University, Thiruvananthapuram)

Kozhuvallur, Chengannur, Alappuzha

Ph. +91 479 2166038 Fax: +91 479 2369438

Email: mzcengg.women@gmail.com

Website: www.mountzionwomenengg.com



Mount Zion Institute of Science & Technology is started in 2009, at Kozhuvallur, Chengannur with an aim for providing value based technical education, not only for the urban people, but also for the rural society. The college ensures quality education by experienced faculty headed by the principal of the college and an efficient team of teachers who are sensible to the changes and innovative to the core. The guest faculty from prestigious industrial houses provide add on knowledge to the students about the current industrial scenario. The college hostel within the campus has a total capacity of 200 inmates. Separate mess facility and study room are provided for the students. An in-house counsellor gives moral support for the students.

Department of Civil Engineering

Civil Engineering is an all pervasive engineering profession, full of opportunities and challenges. Civil engineering addresses to all aspects of the infrastructure facilities necessary for modern living such as buildings, transportation systems, water supply and waste water treatments, environmental protection etc. Civil engineering actually plays the role of nation building. The construction boom in India and abroad provides plenty of opportunities for civil engineers. The four year programme in civil engineering has an intake of 60 students per year.



Department Mechanical Engineering

The Department of Mechanical Engineering aims to develop mechanical engineers who are innovative, entrepreneurial, and equipped to become global leaders in research and technology. It seeks to engage outstanding graduate students and faculty researchers to

expand the range of knowledge in the mechanical engineering.

**Department of
Computer Science & Engineering**

Stunning changes in our daily lives brought by developments in information technology in the fields of business, science & technology etc. are well known. Department of Computer Science & Engineering is focusing its



mission to create well trained computer professionals and young scientists who shall be smart enough to swiftly tune to fast changing IT scenario. Apart from emphasis on academic performance, we also encourage our students to actively involve in all kinds of mind stimulating and personality developing extra-curricular activities to bring out underlying talents. The four year programme in civil engineering has an intake of 60 students per year.

5. MOUNT ZION NURSING COLLEGE

(Affiliated to Kerala University of Health Science)

Ezhamkulam, Adoor



The Nursing College is established in 2011, affiliated to Kerala University of Health Science, Thrissur with an intake of 50 seats for B. Sc. Nursing course.

6. MOUNT ZION LAW COLLEGE

Kadammanitta, Pathanamthitta (Affiliated to Mahatma Gandhi University, Kottayam)



Mount Zion Law College is a self financing college established in 2013 and affiliated to the Mahatma Gandhi University. The college is granted approval by the bar council of India. It is a prestigious legal education project of Mount Zion Group that was set by its patrons in the year 2001 with a passion to provide value based superior quality professional education to the young generation. The Group of Institution is managed by the Charitable and Welfare Society (Reg. No.Q378/83) incorporated in 1983. Mount Zion Group strives to strengthen research, faculty development, international linkages, discipline and student centered learning. The Mount Zion Group has chalked out aggressive growth of plans and envisages to the global standard in quality professional education.

The College is intended to provide quality education and afford facilities to students preparing for legal education. At present the College offers Integrated Five Year B.Com LL.B (Hons), BBA LL.B (Hons) & Unitary LL.B(3 year).

7. MOUNT ZION MEDICAL COLLEGE HOSPITAL

Ezhamkulam, Adoor



A 750 bedded hospital is established in 2012 with all specialties, 24 hr Casualty, state of art equipments, CT, Digital X-ray (CR), Fully automated Laboratory, Blood Bank etc. A well equipped modern mortuary is also available here. Also a calm and quiet environment enriched with natural beauty has been maintained all the time. The different departments are managed by a dedicated and efficient multidisciplinary team which offers high quality health care round the clock. The medical records are electronically maintained (EMR).The Medical College Hospital has two community outreach health clinics at Ezhamkulam and Omallur.

8. MOUNT ZION MEDICAL COLLEGE



Ezhamkulam, Adoor, Pathanamthitta, Kerala - 691556

The medical college is established in 2014 affiliated to Kerala University of Health Science, Thrissur with an annual intake of 100 MBBS students. The location is maintained beautifully in 35 acres of land. The campus environment is maintained in such a way that it has very

good living conditions and also it will be able to enhance academic performance of students. In this E- campus students are academically trained and nurtured with strict discipline and care so that the parents are informed with the class attendance soon after every hour of class, every day and also the assessment scores, through SMS. The medical college faculty is composed of well experienced medical doctors who have already trained many expert doctors who are practicing at different locations around the globe. The institution has various departments, modern, well equipped labs and other physical facilities that will help the students to get the best training in the field.

DEPARTMENTS

The Mount Zion Medical College is remarkable with its thirteen main departments and state of the art treatment facilities. A major super specialty medical college specializing in Forensic Medicine, Community Medicine, Anatomy, ENT and more...

Our Departments are

- **ANATOMY**

Anatomy is the study of the structure of the body from the sub microscopic to the macroscopic. It is conventionally divided into topographical or gross anatomy (including surface, endoscopic, and radiological anatomy), histology, embryology, osteology, neuroanatomy and applied anatomy. The word anatomy is coming from the Greek word 'anatomē', a term built from *ana* means 'up' and *tome* means 'a cutting', because knowledge of anatomy was obtained through dissection.



- **PHYSIOLOGY**

Human physiology is the study of the normal functioning of human body. Physiology is the basis for the study of medicine. The department is well equipped with five laboratories— Haematology laboratory, Amphibian Laboratory, Mammalian laboratory, Clinical Physiology laboratory and Research laboratory.



- **BIOCHEMISTRY**

Biochemistry is the study of normal functioning of the body at molecular level. A well equipped laboratory helps the students to learn about various biochemical reactions and



understand the principles and clinical applications of various biochemical tests. The

Clinical Biochemistry Laboratory of the hospital is under the supervision of Biochemistry Department. A well equipped library and research laboratory are available for departmental research.

- **PHARMACOLOGY**

Pharmacology is the study of drugs and their effects on human beings. Pharmacology is linked with both biology and chemistry and is perhaps the oldest branch of medical sciences.

- **PATHOLOGY**

With the help of microscopes, Pathologists recognize the changes caused by diseases in the tissues and organs of the body. Pathological tests help to diagnose diseases and establish the extent of involvement of the diseases in various organs.



- **MICROBIOLOGY**

Microbiology is the study of disease processes and micro organisms or microbes. The microbes include bacteria, viruses, fungi, protozoa, parasites etc. Bacteriology, Virology, Parasitology, Serology, Immunology, Mycology are the important subdivisions of Microbiology.

- **FORENSIC MEDICINE**

Forensic Medicine is the Study of all legal aspects of medical practice. The word Forensic is coming from the Latin word *Forensis* meaning 'Court of Law'. Forensic Medicine also deals with medical jurisprudence and medical ethics which cover the legal responsibilities of medical professionals.



- **COMMUNITY MEDICINE**

An introduction to Preventive and Community Medicine would be given during the first year itself. The early patient contact programmes would enable students to appreciate medical practices at community level.

- **GENERAL MEDICINE**

All advanced facilities are available for internal medicine and sub specialties. Special clinics for diabetes and thyroid problems provide invaluable service supported by advanced laboratories and other diagnostic facilities.

- **PAEDIATRICS**

All facilities are available for the investigation and treatment of children. A well organized immunization clinic is run under the guidance of experienced pediatricians. Pediatric ICU is well equipped to look after any kind of acute paediatric problems.



- **GENERAL SURGERY**

Full facilities are available for the management of all general surgery patients. Operation rooms are available in the theatre complex in addition to outpatient theatres and emergency theatre in accident and emergency department. There is also a well equipped surgical intensive care unit.

- **ORTHOPAEDICS**

The department has facilities for advanced management of fractures. Total joint replacement of hips and knees, spine surgery and limb salvage procedures are being carried out with excellent results. A physiotherapy unit with qualified physiotherapist extends invaluable support to the department.

- **OPHTHALMOLOGY**

Computerised eye testing, Ocular Ultrasonography, Glaucoma service, contact lens service and Paediatric Ophthalmology are some of the regular services.



- **ENT**

Most complicated surgeries and micro surgeries are routinely done here. In addition to routine ENT procedures, special surgical procedures are available for snoring and sleep apnoea. A fully equipped Audiology lab provides both diagnostic and therapeutic facilities.

- **ObG**

The modern labour room has facilities for fetal monitoring, emergency ultrasound examinations etc. All routine gynecological procedures are carried out in the department including investigations for fertility. Excellent facilities are available for surgical treatment of gynaecological problems.

- **ANAESTHESIOLOGY**

The department is well equipped with modern anaesthesia equipments, ventilators etc. The department is actively involved in the care of critically ill patients in the hospital.

- **RADIO-DIAGNOSIS**

All routine and special X – ray investigations are reported under the guidance of well experienced radiologists.



- **DENTISTRY**

The dental clinic is well equipped to carry out all routine dental procedures. A new *Maxillofacial* surgical unit is also established.

9. MOUNT ZION COLLEGE OF PHARMACEUTICAL SCIENCES & RESEARCH EZHAMKULAM, ADOOR.

Mount Zion College of pharmaceutical science and research has been established in 2014 for the purpose of advancement of pharmaceutical knowledge through teaching, research, and service in a supportive and caring environment.



Mount Zion College of pharmaceutical science and research institution has well equipped modern laboratories and modern Infrastructure facilities are available for the students. Highly skilled and experienced professors are the advantages of our institution. The Institution is located at Ezhamkulam, Adoor. The intake is 60 nos.

Pharmacy is a versatile, growing and increasing diverse profession. It is an old profession which has transformed in to hub for Global health care and evolved as a multifaceted field in recent times. The health sector has thrown open a sea of opportunities for pharmacy professionals.

Social Activities:

The Society is doing charitable work such as free food, free medicines etc in several orphanages which are run by various agencies. The Society is also giving free education to the socially and financially backward students studying in the institutions managed by the same The Society. Financial support is also given to 10 poor families of the Naranganam Panchayat identified by the Panchayat authorities. The Society has identified a ward of the Aranmula Panchayat aiming at its wholesome development. The Society is also running an old age home (Mount Zion Peace Home) at Mulakkuzha, Chengannur and Omallur, Pathanamthitta.