

## MIMS ACADEMY

MIMS Academy was established on 7th May 2003 as a wing of Malabar Institute of Medical Sciences Ltd. MIMS Academy was brought under the MIMS Academy Trust. Purpose of the Academy is augmenting educational program of MIMS. MIMS Academy is an accredited center by the National Board of Examinations, Ministry of Health and Family Welfare Department, Govt. of India to conduct training for DNB students in ENT, General Medicine, General Surgery, Family Medicine, Anesthesia, Pediatrics, OBG, Radiology and Cardiology. Besides these specialties, efforts are being taken to get accreditation for two more subjects, i.e. Nephrology and Urology.

MIMS College of Nursing gives training for BSc Nursing and MSc Nursing of Calicut University and MIMS School of Nursing for GNM of Kerala Government.

MIMS Allied Health Science comprise BSc in Laboratory Technology of Calicut University and DMLT under the Directorate of Medical Education. Plans are afoot to start B.Pharm course of Calicut University.

MIMS Academy is in partnership with George Washington University(GWU)-Washington DC since 2006 is conducting three Masters Program in Emergency Medicine (MEM) International.

Membership of Royal College of General Practitioners (MRCGP) is a prestigious qualification for Family Physicians across the world. MIMS having a 1-year non-residential course for general practitioners towards MRCGP Examination. Moreover the DNB Course in Family Medicine of MIMS Academy is also recognised by the Royal College of General Practitioners.

MIMS PG Entrance Guidance Program, with an intention of giving effective and proper training to MBBS Degree holders to prepare for postgraduate entrance examination is another prestigious venture we have introduced in 2006.

Under the MIMS Academy, a MIMS Research Foundation has come into existence in 2009 and the institution is engaged in fundamental and clinical research. MIMS Research Foundation is recognised by Department of Science and Technology of Government of India and it is also expected that in the very near future the University will recognize the Academy as a research center for PhD program.

Academy is recognized Regional Training Center of American Heart Association to Conduct Life support courses such as Basic Life Support, Advanced Cardiac Life Support, Trauma Life support and Pediatrics Cardiac Life Support. These programs have received RTO, under ITO, IIEEMS India.

### ADMINISTRATIVE STRUCTURE

MIMS Academy is administered by the MIMS Academy Trust, a no-profit organization created by MIMS Ltd. The Trust is administered by a Board of Trustees.

Managing Trustee: Dr. Azad Moopen MD  
 Trustees: Er. Salahudeen  
 Dr. Abdulla Cherayakkat  
 Dr.M Ali  
 Mr. Syed Khalil

#### **Administrative Setup**

Director	:	Dr. K. Karthikeya Varma MS FRCS
Joint Director	:	Dr. Assuma Beevi T.M. MSc. PhD
Dy. Director	:	Dr. Vengopalan P.P. DA, DNB, MNAMS
Asst. Registrar	:	Ms. Radha Malattiri M.Phil
Administrative Supervisor	:	Ms. Jyothilakshmy P.K.
Accountant	:	Mr. Sajid P.A.
Academy Assistant	:	Mr. Rasheed K.P.

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NAME OF THE COURSE	COORDINATOR
ENT (DNB)	Dr. Ravi. A
General Medicine (DNB)	Dr. Hamza P.M.
Family Medicine (DNB)	Dr. Sudha Krishnanunni P
Anesthesia (DNB)	Dr. Geetha N.K.
Pediatrics (DNB)	Dr. Sudha Krishnanunni P
General Surgery (DNB)	Dr. Rojan Kuruvilla
Cardiology (DNB)	Dr. Ali Faizal
Obstetrics and Gynecology (DNB)	Dr. Rasheeda Beegum O.
Radiology (DNB)	Dr. Ramakrishnan
Masters in Emergency Medicine	Dr. Venugopalan P.P.
Post Doctoral Certificate in Cardiac Anaesthesiology	Dr. Kannan A.V.
MSc Nursing	Dr. Assuma Beevi
B.Sc. Nursing	Dr. Assuma Beevi
General Nursing and Midwifery Integrated Course	Mrs. Aleyamma Thomas
Diploma in Medical laboratory Technology	Dr. Lilly M
BSc MLT	Dr. Lilly M
Diploma in Anaesthesia Technology	Dr. Geetha N K
Diploma in Sterilization Technology	Mr. Moidu
Diploma course in Medical Records Management	Dr. Sathyanarayanan
Diploma in Dialysis Technology	Dr. Sajith Narayanan
Diploma in Endoscopy Technology	Dr. Anishkumar
Diploma in Nursing Assistant Course	Dr. Sheelamma Joseph
Diploma in Cardiac Surgical ICU Nursing	Dr. Murali P Vettath
Diploma in Cardiac OT Nursing	Dr. Murali P Vettath
Diploma in Cardiac Anaesthesia Technology	Dr. Kannan A.V.
Diploma in Perfusion Technology	Dr. Murali P Vettath
Diploma in Cardiac Rehabilitation Technology	Dr. Murali P Vettath
Diploma in PCSICU Nursing	Dr. Sajjan Koshy
PG Diploma in Cardiovascular Technology	Dr. Ali Faizal
Advanced Diploma in Emergency Medical Service	Dr. Venugopalan P.P.
Diploma in Emergency Nursing	Dr. Venugopalan P.P.
American Heart Association Certified Courses	Dr. Venugopalan P.P.
Medical PG Entrance Guidance program	Dr. Pradeep R.
MRCGP	Dr. Neena Razil
Post Basic Diploma in Nursing Courses	
- Critical Care Nursing	Dr. Assuma Beevi
- Oncology Nursing	Dr. Assuma Beevi
- Emergency & Disaster Nursing	Dr. Assuma Beevi
Courses under Bharath Sevak Samaj	
- Diploma in Dialysis Nursing	Dr. Assuma Beevi
- Diploma in Geriatric care	Dr. Assuma Beevi
- Anesthesia Technician	Dr. Assuma Beevi
- PG Diploma in Hospital Administration	Dr. Assuma Beevi

## DIPLOMATE NATIONAL BOARD EXAMINATIONS

The National Board of Examination (NBE) was established in 1975 by the Govt. of India with the prime objectives of improving the quality of medical education by establishing high and uniform standards of post graduate examinations in Modern Medicine on an all India basis. MIMS Academy is an accredited center by the National Board of Examinations, Ministry of Health and Family Welfare Department, Govt. of India, to conduct training for DNB students in broad Specialties like ENT, General Medicine, General Surgery, Family Medicine, Anesthesia, Pediatrics, OBG and Radiology.



We have also received Accreditation in DNB Cardiology (Super Specialty) in January 2007. Besides these specialties, efforts are being taken to get accreditation for two more subjects in the next academic year i.e. Genito- Urinary Surgery & Nephrosurgery.

Minimum qualification for application	Broad Specialty : CET conducted by NBE		
	Super Specialty : MD/MS/DNB + Pass in CET (SS)		
Duration of the course	3 years		
Course Fee	Rs. 50000 /- per year		
Stipend	Broad Specialty : Rs. 20000 for 1st Year, Rs. 21000 for 2nd Year and Rs. 22000 for 3rd year		
	Super Specialty : Rs. 30000 for 1st year, Rs. 31000 for 2nd year and Rs.32000 for 3rd year		
Number of seats	<b>BROAD SPECIALITIES</b>		Commencement of course
	Anesthesia	- 2	January Session
	ENT	- 1	July Session
	Family Medicine	- 2	July Session
	General Medicine	- 2	July Session
	General Surgery	- 1	January Session
	Radiology	- 1	January Session
	OBG	- 1	January Session
	Pediatrics	- 2	July Session
	<b>SUPER SPECIALTIES</b>		
Cardiology	- 1	January Session	

Application will be received in Academy through out the year, but selection process will start in Jan/July as per the schedule of commencement of the course

## POST DOCTORAL CERTIFICATE IN CARDIAC ANESTHESIOLOGY

In this course students will be involved in the work of the organization like an employee and there will be a great emphasis on work experience along with the academic pursuit.

The candidates will be posted in the cardiac surgical operation theatre along with a consultant cardiac anesthesiologist. During the later part of their training period, the candidates will be allowed to give anesthesia for the open heart surgery independently, under the supervision of the Head of the Department of Cardiac Anesthesiology.

The candidates will also be posted on duty in the cardiac surgical intensive care unit (CSICU), where they will be involved in the management of the postoperative cardiac surgical patients.

They will also be posted in other areas of the department of cardiac anesthesiology, where they will participate in the pre-anesthetic evaluation of the cardiac surgery patients, management of emergencies in ICCU and management of the patients undergoing interventional procedures in the cardiac catheterization lab.



The candidates are allowed to do original research work under the guidance of the Head of the Department of Cardiac Anesthesiology, which can be presented in conferences or published in journals. They will be encouraged to make at least one national publication and one international publication.

A copy of all the procedures performed shall be submitted by the candidate to the HOD in the form of a logbook by the end of the training period.

Two candidates shall be selected in one academic year.

### CERTIFICATE OF TRAINING

After completion of one calendar year from the date of joining, the candidate will be awarded a "Post Doctoral Certificate in Cardiac Anaesthesiology and Critical Care" by the MIMS Academy of Medical Sciences on the basis of the assessment of his performance.

Minimum qualification for application	MD or DNB in Anesthesiology
No. of seats available	2
Duration of the course	1 year
Certification	MIMS Academy Certification after successful completion of the course

## MASTER OF SCIENCE IN NURSING

The M.Sc. Nursing Course at MIMS College of Nursing is designed to meet the continuing educational needs of nursing professional to equip them as practitioners, academicians, researchers and administrators in the area of their specialization. At present we offer MSc in Nursing in 5 disciplines:

1. Medical Surgical Nursing
2. Paediatric Nursing
3. Psychiatric Nursing
4. Obstetrics and Gynecology Nursing
5. Community Health Nursing.

This course aims to provide an opportunity for students to empower themselves to excel in practice as well as to become Nursing Teachers.

### AIM OF THE COURSE

These courses aim to provide opportunity for graduate nurses to develop a sound academic base to their practice by critically exposing them to practice at different settings and can be expected to promote and develop excellence in their practice.



### COURSE CONTENT

- Apply the concepts, theories and principles of Nursing Science in rendering competent nursing care in various settings.
- Practice as independent nurse practitioners.
- Establish collaborative relationship with the members of other disciplines.
- Assume leadership in various care settings.
- Demonstrate interest and positive attitude in continuing education for personal and professional growth.
- Participate in health planning, implementation and evaluation at different levels.
- Function as effective nurse educators and nurse managers.
- Conduct independent research studies, interpret and utilize the research findings in nursing practice and education.
- Critically evaluate various educational programmes in Nursing.
- Modify nursing practice based on the current advancements.

### ELIGIBILITY FOR ADMISSION

Successful completion of 4 year B.Sc. Nursing degree course/ regular post basic B.Sc Nursing degree conducted by any recognized University. 1 year experience / internship after B.Sc Nursing Degree and Registration in Nursing Council or 1 year experience prior or after post basic B.Sc. Nursing. Registration in Kerala Nurses and Midwives Council at the time of application. Selection of the candidates should be based on the merit in the entrance examination held by the Govt. / institution.

### DURATION

Duration of the course shall be 2 years from the date of joining the course. The maximum period to complete the course is 4 years.

## DIPLOMA IN MEDICAL LABORATORY TECHNOLOGY

DMLT course was started in MIMS in 2004 under MIMS Academy. This course is recognized by Directorate of Medical Education, Govt. of Kerala.

### AIM OF THE COURSE

To train the students for carrying out the laboratory investigation accurately and report to the medical officers which will help them decide on the correct line of treatment for the patient.

### ELIGIBILITY FOR ADMISSION

Minimum educational qualification candidates who have passed the plus two examination of the Universities in Kerala with Physics, Chemistry, Biology as optional or any other examination recognized by the Universities in Kerala as equivalent to plus two, provided that they have secured an aggregate not less than 50 % marks in the optional. Relaxation of 10 % marks will be allowed to candidates of SC/ST and 5 % marks to socially educationally backward communities. Application form can be obtained from the principals of the State Government Medical Colleges on payment of prescribed application fee. Application form correctly filled in should reach the Director of Medical Education, Thiruvananthapuram on or before the last date fixed for the receipt of application. A self-addressed envelope and post card should be enclosed with the application. The candidate should submit the copies of relevant certificates along with application form.



### REGISTRATION FOR ADMISSION

Admission shall be made on the basis of merit assessed on the basis of total marks secured by the candidate in part II of the optional subject (Physics, Chemistry, Biology) at Plus 2 or equivalent examination. Rank will be prepared in each category according to marks secured by the candidate. Selected candidates will be called for a personal appearance at the Directorate of Medical Education. The candidates will have the freedom to select any course for which seats are available. Option once exercised will be final. The candidates should submit original certificate at the time of interview.



Selected candidates should report before the Principal of concerned institution on the date and time as directed by the Directorate of Medical Education in the admission memo.

**SEATS AVAILABLE** : Management Quota - 15

Government Quota - 15

**Duration of the course** : 2 Years

## DIPLOMA IN ANESTHESIA TECHNOLOGY

The result of recent advances in critical care medicine encourage doctors to take very sick patient for major surgery. This requires skilled anesthesia and postoperative care. It is now being recognized that anesthesiologist requires trained help to handle these procedures. This skilled assistant need to be trained and this course aims at giving such training. The Course will cover basic anatomy, Physiology, Pharmacology especially with respect to airway management and relevant medication. Introduction to sterility, management of emergency situations including cardio pulmonary resuscitation and understanding of equipments will be an essential part of the course

### AIM OF THE COURSE

After successful completion of the course the student will be able to assist / help anesthetists during surgical procedures with proper skill knowledge and attitude.

### COURSE CONTENT

- Anatomy and physiology of human body
- Body fluids and IV fluids therapy
- Blood, blood products and their usage
- Prevention and control of infection
- Antibiotics - test doze and administration
- Methods of sterilization
- Handling of sterilized things
- Anesthesia Machine care and maintenance
- Procedures in Anesthesia
- Equipments in Anesthesia
- Drugs in Anesthesia
- Shifting a patient with ET Tube
- BLS / ALS



Minimum qualification for application	Plus two - Science group with 50 % marks
Age limit	17- 25
No. of seats available	10
Duration of the course	2 years
Course Fee	Rs. 10000 per year
Caution Deposit	NIL
Stipend	Rs. 1000 for 1st Year and Rs. 1500 for 2nd Year
Examination	Written and VIVA exam at the end of each year
Certification	MIMS Academy Certification after successful completion of the course

## DIPLOMA IN MEDICAL RECORDS MANAGEMENT

A medical document is the compilation of pertinent facts of the patient life history, illness, treatment and rehabilitation. It is a compilation of scientific data derived from many sources coordinated in to documents and available for various uses. The basic medical record is a means of communication between attending physician and all medical paramedical personnel, primarily compiled for care and treatment of the patient. It is also a valuable tool measuring quality of medical care rendered by the hospital and its personnel. It is high time to evolve uniformly, a mechanism for collection, processing, analysis and transmission of information required for organizing and operating health services and also for research and training. The course include both theoretical and practical studies in different branches of Medical records science. Besides the candidate should require basic knowledge in Medical science and health care delivery system.



In addition the course it provides an awareness and training in Electronic Medical Records systems and its analysis (EMR). MIMS is one of the few hospitals in India to have Electronic Medical Records system and the course offers a unique opportunity to use and learn the latest Technology in Medical Records maintenance. Experience will also be given to conduct audits including clinical audits.

### AIM OF THE COURSE

Candidate will be able to develop an understanding, skill in medical record procedures, and the need and importance of medical records, importance of preserving confidential nature of medical records and also learn to deal with other personnel. In addition the candidates will be trained to become an essential figure in medical informatics.

### COURSE CONTENT

- Basic Sciences - Anatomy, Physiology & Biochemistry of human body
- Medical Terminologies
- Medical Records Science
- Analysis of Medical records Including Clinical Outcome Auditing
- Systems of filing, storage and retention
- External Reporting
- Hospital administration
- Practical training
- Electrical information

Minimum qualification for application	Plus two - Science Group with 50 % marks
Age limit	17- 25
No. of seats available	4
Duration of the course	1 years + 1 year Internship after passing the exam
Course Fee	Rs. 2000 per year
Caution Deposit	Rs. 5000
Stipend	Rs. 1000 for 1st Year and Rs. 1500 for 2nd Year
Examination	Written and VIVA exam at the end of each year
Certification	MIMS Academy Certification after successful completion of Internship

## DIPLOMA IN ENDOSCOPY TECHNOLOGY

The result of recent advances in modern medicine requires emergency and elective gastrointestinal endoscopic procedures for acute and emergency situations. For these procedures the Gastroenterologist requires trained help in addition to nursing personal. MIMS Academy is now offering a certified course in endoscopy technology.

### AIM OF THE COURSE

To groom a dedicated skilled assistant to function as an endoscopy team member capable of assisting the physician in various endoscopy procedures and the nurses in providing the basic patient care.



### COURSE CONTENT

- Basics of patient care
- Anatomy and physiology of GI system
- Microbiology
- Psychology
- Application of physics in endoscopy
- Equipments - Components, care & maintenance
- Setting for an endoscopy
- Common GI system disorders and management
- Assisting with diagnostic and therapeutic procedures

Minimum qualification for application	Plus two - Preferably Science Group with 50 % marks
Age limit	18- 24
No. of seats available	2
Duration of the course	1 year, 1 year Internship after passing the exam
Course Fee	Rs. 2000 per year
Caution Deposit	Rs. 5000
Stipend	Rs. 1000 for 1st Year and Rs. 1500 for 2nd Year
Examination	Written and VIVA exam at the end of year
Certification	MIMS Academy Certification after successful completion of Internship

## DIPLOMA IN CARDIAC SURGICAL ICU NURSING

Patients after cardiac surgery require special attention in the post operative face. Close and vigilant monitoring is very essential as most of the patients are on respiratory and cardiac support. These persons need to be trained properly especially in cardiac specialties. Cardiac surgical ICU Nursing is a super specialty course in nursing which gives adequate training to provide comprehensive nursing care to the cardiac surgical patients.

### AIM OF THE COURSE

After completing the course the student will be able to work independently and efficiently in any cardiac surgical ICU of a multi-specialty hospital with proper skill knowledge and attitude.

### COURSE CONTENT

- Anatomy and Physiology of cardio respiratory system
- Valvular heart diseases
- Adult cardio thoracic and vascular surgery
- Congenital heart diseases
- Fluid and Electrolyte management
- Cardiac Rhythm disorders
- Cardiac Pacing
- Invasive cardiac monitoring
- Cardiovascular medications
- Circulatory assist devices
- Care of patient after cardiac surgery
- Cardiac arrest
- Handling of Equipments
- Cardiac emergency procedures
- Post operative emergencies
- Cardiac diagnostic and interventional procedures



Minimum qualification for application	B.Sc Nursing or GNM
Age limit	Below 25
No. of seats available	4
Duration of the course	2 years
Course Fee	Rs. 5000 /- per year
Caution Deposit	Rs. 5000
Stipend	Rs. 3000 for 1st Year and Rs. 3500 for 2nd Year
Examination	Written, practical and VIVA exam
Certification	MIMS Academy Certification after successful completion of the course

## DIPLOMA IN CARDIAC OPERATION THEATRE NURSING

Surgeons always require trained help during the course of surgery. They want the nurses' hand to move with the mind of surgeons. The nursing staff needs to be trained properly to avoid confusion during surgery. Cardiac Surgical nursing is a super specialty course in nursing to give adequate training in assist surgeons during Cardiac surgeries.

### AIM OF THE COURSE

After successful completion of the course the student will be able to assist / help Cardiac surgeons independently during Cardio Vascular and Thoracic Surgery with proper skill, knowledge and attitude.

### COURSE CONTENT

- Anatomy and Physiology of Cardio respiratory system
- Valvular heart diseases
- Congenital heart diseases
- Blood and blood products
- Introduction to cardiac OT
- Surgical asepsis and Sterile techniques
- Anesthesia, concept and consideration
- Intra operative patient care
- Cardio pulmonary resuscitation
- Adult and pediatric cardiovascular Surgical procedures
- Beating heart devices
- Cardiac rhythm disorders



Minimum qualification for application	B.Sc Nursing or GNM
Age limit	Below 25
No. of seats available	2
Duration of the course	2 years
Course Fee	Rs. 5000 /- per year
Caution Deposit	Rs. 5000
Stipend	Rs. 3000 for 1st Year and Rs. 3500 for 2nd Year
Examination	Written, practical and VIVA exam
Certification	MIMS Academy Certification after successful completion of the course

## ADVANCED DIPLOMA IN EMERGENCY MEDICAL SERVICE

Shifting a critically ill patient from peripheral centers to advanced tertiary care centers was a big problem faced by health care services. Patients with acute myocardial infarction and acute ischaemic stroke require immediate treatment for early recovery. Knowing the importance of pre hospital care and their roll in Emergency Medicine, MIMS has started a separate wing called Emergency Medical Services. MIMS Mobile ICU, which is equipped with facilities like Multi modular cardiac monitors, defibrillators, ventilator, syringe pump, life saving drugs, oxygen supply, uninterrupted power supply, ICU trained Doctors and EMS staff capable of shifting critically ill patient from periphery to advanced centers.

### AIM OF THE COURSE

On completion of the course the student will be able to provide pre hospital care to the patient, manage any emergency independently and will be able to shift patients in Mobile ICU with proper skill, knowledge and attitude.



### COURSE CONTENT

- CPR and airway management
- Mechanism of trauma
- Pre hospital care and Stabilization
- Initial trauma management
- Skeletal injuries and splinting
- Respiratory emergencies
- Head and neck injuries
- Wound management and bleeding control
- Chest injuries, Toxicology
- Pediatric & Obstetrical emergencies
- Cardiovascular emergencies, Neonatological emergencies
- ECG interpretation, Pharmacology, PYE, Ventilatory Management
- Disaster management
- Care of unconscious patient
- BLS, ACLS, ITLS, PALS

Minimum qualification for application	B.Sc or GNM (Male)
Age limit	Below 25
No. of seats available	10
Duration of the course	1 year including 6 months internship
Course Fee	Rs.5000.00
Caution Deposit	Rs.5000.00
Stipend	Rs. 3000 (based on experience) during course period
Examination	Written, practical and VIVA exam
Certification	MIMS Academy Certification after successful completion of the course

## PG DIPLOMA IN PERFUSION TECHNOLOGY

A perfusionist is a skilled person, qualified by academic and clinical education who operates the heart lung machine when it is necessary to replace the patients circulatory or respiratory function. The course is intended to give training in cardiopulmonary by-pass techniques. This would involve some knowledge of anatomy physiology and physics. These technicians also have training in monitoring techniques which are essential for perfusion. The perfusionist is skilled in the administration of blood products, anesthetic agents and drugs through the extra corporeal circuit. Further the perfusionist is also knowledgeable and competent in the management of other perfusion related equipment, techniques and procedures.

### AIM OF THE COURSE

After successful completion of the course the student will be able to operate the heart lung machine when it is necessary to replace a patient's circulatory or respiratory function and able to manage perfusion related equipments, techniques and procedures

### COURSE CONTENT

- Anatomy and physiology of cardiovascular system
- Cardiovascular disorders
- Cardiovascular Medications
- Bacteriology and Sterilization
- Cardiac surgical operations
- Perfusion Technology
- Simulation



Minimum qualification for application	B.Sc Degree with 50% marks
Age limit	20 - 30
No. of seats available	2
Duration of the course	2 years
Course Fee	Rs. 5000 /- per year
Caution Deposit	Rs. 5000
Stipend	Rs. 2000
Examination	Written, practical and VIVA exam
Certification	MIMS Academy Certification after successful completion of the course

## POST BASIC DIPLOMA COURSES

As part of educational activities the College of Nursing under MIMS Academy offers three diploma courses in Nursing to meet the growing demand for competent and trained nurses in superspecialties. The courses are

- Diploma in Critical Care Nursing
- Diploma in Oncology Nursing
- Diploma in Emergency & Disaster Management Nursing

These courses are recognized by the Indian Nursing Council and Kerala Nurses and Midwives Council

### AIM OF THE COURSE

To prepare highly competent nurses with right attitude to provide compassionate and comprehensive care to clients with special care needs and also to assume middle level managerial functions.

### COURSE CONTENT

- Anatomy and physiology of Human body
- Medical Surgical and Nursing Management of clients with critical illness in
  - Cardiovascular
  - Respiratory
  - Gastro Intestinal
  - Renal
  - Endocrine
  - Nervous System and / or Disaster Management
  - Supervision and Management of Research & statistics.



Minimum qualification for application	B.Sc or GNM with minimum 1 yr Experience with KNMC registration
Age limit	21 - 25
No. of seats available	15 each
Duration of the course	1 year
Course Fee	Rs. 30000 /- per year
Stipend	Rs. 3000 /- per month after 6 months
Examination	Written, practical and VIVA exam
Certification	KNMC Certification after successful completion of the course

## Training Program in Servicing and Maintenance of Biomedical Equipments

### COURSE OBJECTIVE

This is intended for aspirants who are keen to choose Medical Instrumentation as their career path. The objective is to provide them with a platform in order to qualify them to meet the demands of this industry.

It will provide participants with first hand knowledge and hands on experience in dealing with live medical equipment that are in day-to-day use at our institutions. It could also be useful for Students to gather additional knowledge as we gives information not taught in educational institutions.



### COURSE DETAILS

The course will be of twelve weeks duration followed by an exam.

Selected participants will follow the course curriculum, which is divided into various modules such as Cardiology Equipment, Intensive Care Equipment, and Laboratory Equipments, Operation Theatre Equipments, Radiology Equipments and similar commonly found equipment in a hospital.

Each day the student will be an “observer” for a certain specified number of hours under experienced trainers handling equipment repair. They will be assigned for different department in the hospitals on a rotation basis for better exposure.

There will be theory classes and “hands on” learning sessions in the afternoons conducted by experienced instructors. These will have to be attended by all participants and the final examination is based on the portions covered in these sessions. We will provide course materials and candidates can make their own notes during the lecture sessions. Reference books available at leading bookshops will be recommended but purchase is optional.

Minimum qualification for application	Degree / Diploma in Biomedical Engineering/ Medical Electronics / Electrical and Electronics / Instrumentation
No. of seats available	6
Duration of the course	3 months
Course Fee	Rs. 17500/-, Exam Fee 2,500/-
Examination	Written, practical and VIVA exam
Certification	MIMS Academy Certification after successful completion of the course

## LIFE SUPPORT COURSES

MIMS Academy is a Regional Training Center of American Heart Association (AHA) under IIEEMS. MIMS Academy is conducting Certified Courses in BLS (Basic Life Support), ACLS (Advanced Cardiac Life Support), ITLS (International Trauma Life Support), PALS (Pediatric Advanced Life Support) Provider and Instructor courses.

### BASIC LIFE SUPPORT (BLS)

Hands on training with manikins, Air Way Management, Rescue Breathing, CPR Techniques & AED operation. Pre and post test evaluation and Certification

### ADVANCED CARDIAC LIFE SUPPORT (ACLS)

Theory & Practical sessions in Advanced Air Way Management Intubation, LMA and combitube insertion, Defibrillation, Cardio version, Transcutaneous pacing, Recent approaches to acute stroke syndrome and acute coronary syndrome. Management of tachyarrhythmias and Brady arrhythmias. Hands on Resuscitation training using simulators and manikins. Pretest & Post test evaluation

### PEDIATRIC ADVANCED LIFE SUPPORT (PALS)

Video Assisted Comprehensive training module using simulators and manikins in pediatrics cardio pulmonary emergencies.

### INTERNATIONAL TRAUMA LIFE SUPPORT (ITLS)

Comprehensive training module of early assessment and management in trauma.

### PUBLIC BLS TRAINING PROGRAM

MIMS Academy is conducting first responder training program for general public since 2003. This courses comprises Basic Life Support, Trauma Care and First-aid training using Powerpint presentataion, Vidio and manikins. Academy has already provided training for more than 4500 people under this scheme.

***Seats limited to 40 in each course. Confirmation of seats on receipt of full payment of course fee.***



## MRCGP (International) Training Course

Family medicine is one of the fastest developing specialties in India. Like MRCP, Membership of Royal College of General Practitioners (MRCGP) is a prestigious qualification for Family Physicians across the world. We have a 1-year non-residential course for general practitioners towards MRCGP Examination. PART 1 examination is taken after 6 months and part 2 on completion of the course. Examination Centers are in India, Sri Lanka and other neighbouring countries.

This course is particularly suitable for doctors who would like to get a prestigious International Post Graduate qualification without leaving their current practice, and as the structure of the course is still being developed we would like to hear your views on this proposed course.



### HIGHLIGHTS OF THE COURSE

- Structured training program covering the examination curriculum.
- Teaching by MRCGP examiners and teachers from UK, faculty from MIMS and other Institutions in India and abroad
- Weekly (Sundays), online and extended weekend teaching.
- Training program include lectures, seminars, group discussions, problem based learning, Video case discussions, simulated Patient teachings, clinical teaching, case based discussions, mock examinations etc
- All course materials and study notes provided.
- Each candidate will have a dedicated mentor from UK for the full duration to support through the course.
- Access to MIMS Library and other learning resources



Optional attachments in your specialties of choice with MIMS during the course – up to maximum of 4 specialties, subject to confirmation.

Application form can be downloaded from our website : [www.mimsacademy.org](http://www.mimsacademy.org)

Classes will begin in the month of May.

### PHOTOS OF CONDIDATES WHO PASSED MRCGP (INT) 2009-2010



Dr. Neena Rasil



Dr. Roshni M



Dr. Swapna



Dr. Pradosh



Dr. Faizal



Dr. Honey



Dr. Shibu V.

