



DR. K M CHERIAN HEART FOUNDATION
ST. GREGORIOS CARDIO VASCULAR CENTRE



PARUMALA

BHARAT SEVAK SAMAJ COURSES

NATIONAL DEVELOPMENT AGENCY, PROMOTED BY GOVT OF INDIA

NATIONAL VOCATIONAL EDUCATION MISSION

REGISTRATION APPLILCATION FORM

(FILL UP IN CAPITAL LETTERS)

NAME OF THE COURSE FOR WHICH ADMISSION IS SOUGHT	
NAME OF THE CANDIDATE	
DATE OF BIRTH	
AGE / SEX	
NAME OF THE FATHER/GUARDIAN	
PERMANENT ADDRESS	
ADDRESS FOR COMMUNICATION	
TELEPHONE NUMBER	
EDUCATIONAL QUALIFICATION	
SUBJECT STUDIED IN PLUS TWO WITH % OF MARKS (attach the copy of Original Mark List)	
PARENT'S OCCUPATION	
SIGNATURE OF THE CANDIDATE	
DATE:	

Please submit this application form along with Bio-data and copies of Educational Certificates. Last date of submission of this application form is 20th June, 2015



DR. K M CHERIAN HEART FOUNDATION
ST. GREGORIOS CARDIO VASCULAR CENTRE



PARUMALA

BHARAT SEVAK SAMAJ COURSES

NATIONAL DEVELOPMENT AGENCY, PROMOTED BY GOVT OF INDIA

NATIONAL VOCATIONAL EDUCATION MISSION

PROSPECTUS

COURSES

1. CARDIO VASCULAR AND THORACIC TECHNOLOGY (PHYSICIAN ASSISTANT)

- a. Entry Requirement: 10 +2 pass with 50% marks preferably Physics, Chemistry and Biology group. Application from other professionals such as Nurses , paramedics will also be considered
- b. Duration : 2 years full time study
- c. Status: Diploma
- d. Fees: Rs 20,000 / year
- e. **Course Details:** Physician Assistant Training involves, training in obtaining medical histories , perform examinations and procedures, such as stitch removal, wound dressing, chest tube removal, Urinary Bladder catheterization etc, They will be taught to order and interpret laboratory tests, and will learn other clinical skills such as assisting in surgery, harvesting conduits (GRAFTS), insertion of inter-coastal drainage tubes, closure of skin , Invasive monitoring, assisting in post operative care. Extensive training is given in all aspect of Patient care. They write up discharge summaries, inform doctors about referrals and consultations. Trainees will be rotated in all critical areas. Other than this basic Anatomy, Physiology, First-Aid, Microbiology, Cardio Pulmonary Resuscitation (CPR), Basic Computer Applications, and Communicative English.etc will be taught.

2. OPERATION THEATRE TECHNOLOGY

- a. Entry Requirement: 10 + 2 pass with 50% marks any groups will be considered.
- b. Duration: 2 years full time study
- c. Status: Diploma
- d. Fees: Rs 20,000 / Year
- e. **Course Details:** Deals with Anesthetics Drugs, Gases, Analgesics, Sedatives, Muscle relaxant, Ventilation Equipments, inserting invasive lines, intubation of patient, invasive monitoring, ABG analysis etc. are taught. Students will be rotated in all Critical areas.

Apart from this regular subjects such as Anatomy, Physiology, First Aid, Computer Applications and Communicative English are taught.

3. PERFUSION TECHNOLOGY

- a. Entry Requirement: 10 +2 pass with 50% marks preferably Physics, Chemistry and Biology Group. Application from other professionals such as Nurse's, paramedics will also be considered
- b. Duration : 2 years full time study
- c. Status: Diploma
- d. Fees: Rs 20,000 / year
- e. **Course Details:** The candidates will be trained in managing the Cardio Pulmonary Bypass Machine during open heart procedures, due to the nature of the cardiac surgery, the surgeon needs to work on a still heart, and it is necessary to temporarily replace the patient's circulatory and respiratory function. It is the responsibility of the perfusionist a specialized health care professional to assume the function of the heart and/ or lungs during these medical procedures. A perfusionist operates a heart- lung machine which is an artificial blood pump which propels oxygenated blood to the patient's tissues while the surgeon operates on the heart. The perfusionist manages the physiological and metabolic demands of the patient while the surgeon operates on the heart. A perfusionist generally spends 90% of his or her time in the Operating Room Apart from this regular subjects such as Anatomy , Physiology, First Aid, Basic omputer Applications and Communicative English are taught.

4. CRITICAL CARE TECHNOLOGY

- a. Entry Requirement: 10 + 2 pass with 50% marks any groups will be considered.
- b. Duration: 2 year's full time study
- c. Status: Diploma
- d. Fees: Rs 20,000 / Year
- e. **Course Details:** The students will be trained in obtaining vital signs i.e., BP, Temperature, Pulse rate, Respiratory rate and checking Oxygen saturation using pulse oximetry. Giving Bed bath / sponge bath to the patients who are bed ridden or too sick to look after themselves. Feeding the patients, performing active and passive exercises Students are taught how to insert Intra venous cannula for Intra venous therapy. Positioning patients, maintaining intake out put chart, checking Height and weight. Students are also taught ECG inter pretation, they will be trained in Ambulance Emergency management, transporting critically ill patients to and fro from hospital or home. They will be skilled in providing BLS, ACLS and Defibrillation. Apart from this regular subjects such as Anatomy, Physiology First Aid, Basic Computer Applications and Communicative English are taught.

5. CATHLAB TECHNOLOGY

- a. Entry Requirement: 10 + 2 pass with 50% marks any groups will be considered.
- b. Duration: 2 years full time study
- c. Status: Diploma
- d. Fees: Rs 20,000 / Year

e. **Course Details:** Students are taught about various cathlab hardware like angioplasty guide wires, sheaths, and catheters for peripheral and coronary angiogram and angioplasty. They will be taught about how to maneuver the C-Arm machines which is used to take pictures and images in various angles to check the blocks in Coronary arteries. They are also taught about Devices for ASD, VSD, PDA, AICD's, CRT-D, electrophysiology studies and ablation. They will be taught about temporary and permanent pacemaker as well. ECG, Holter monitoring, ECHO and TMT are included the curriculum. Apart from this regular subjects such as Anatomy, Physiology First Aid, Basic Computer Applications and Communicative English are taught.

MEDIUM OF INSTRUCTION:

English

FOOD AND ACCOMMODATION:

There is a canteen facility inside the campus. Students can avail the facility by getting food at the subsidized rate. Hostel accommodation is very limited, only females may be accommodated in the Devasom Board ladies hostel which is run independently.

TRANSPORT:

St Gregorios Cardio Vascular Centre can be reached by public and private transport. It is about 2kms from Mannar / Parumala kadavu.