

DIPLOMA IN CARDIOVASCULAR TECHNOLOGY

Syllabus (Detailed Syllabus will be available from the Directorate of Medical Education, Thiruvananthapuram by paying an amount of Rs.50/- as DD in favour of Secretary , paramedical council payable at SBT Main Branch , Thiruvananthapuram).

First year-

Anatomy of Cardiovascular system
Physiology of Cardiovascular system
Physics as applied to cardiovascular system
Electronics-Principles and Practice

Second year

ECG,TMT,Molter,Eco cardiology,cardi catheterisation Technology- principles and Practice
Instructional Period- First year and Second year - 4 hours Lectures and two hours practical per day.

What is expected from the students at the end of the course ; He should have basic and applied knowledge in cardiovascular diagnostic procedures.

Progress evaluated : continuously through internal assessment.

Scheme of Examination

Examination will comprise of written, Vivavoce and practical examination.

Theory- number of papers - 6

Paper I	-	Anatomy and Physiology cardiovascular system
Paper II	-	applied Physics and Electronics principle and Practice
Paper III	-	principle and Practice of ECG
Paper IV	-	principle and Practice of TMT and Molter.
Paper V	-	principle and Practice of Electrocardiography
Paper VI	-	principle and Practice of Cardiac catheterization

Duration of written examination	-	2 hours each.
Maximum marks	-	80
Vivavoce	-	20
Practical Duration	-	2 hours
Maximum marks	-	75
Minimum marks for a pass	-	50% marks.

Criteria for a pass in the subject

66% marks or above will be awarded - I st Class

75% marks or above will be awarded - Distinction

Candidates who scores highest marks - First Rank.
in the aggregate will be awarded

Examiners - DM Cardiology

Number of Examiners - 2