

Certificate Course in Repair & Maintenance of Medical Electronics

Objective of the Course:

This programme is to train individuals for entry level jobs in Medical electronics. Graduates of the programme will qualify as a technician in the field of medical electronic equipments.

Learning Outcomes:

After successful completion of the course, the student will be able to repair and maintain biomedical equipments.

Expected Job Roles:

Service Technician

Duration of the Course (in hours) 80 hrs

Appr. Fees (INR): Rs.10,000/-

Minimum Eligibility Criteria and pre-requisites, if any ITI / Diploma in Electronics or Instrumentation or STC/HRMT/CT01

Outline of Course

S. No	Topic	Minimum No. of Hours
1.	Basic building blocks of Biomedical Equipments	5 hrs
2.	Bio-medical Instrumentation & Measurement	15 hrs
3.	Diagnostic & Analytical equipment (ECG machine, PH meter, BP	20 hrs
Theory / Lecture Hours:		40 hrs
Practical / Tutorial / Lecture Hours:		40 hrs
Total Hours:		80 hrs

Books recommended for reference and reading: Biomedical instrumentation by R.S. Khandpur

Group Code: HRMT **Group Name:** Hardware Repair and Maintenance

Course Code: CT02 **Course Name:** Certificate Course in Repair & Maintenance of Medical Electronics