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

<table>
<thead>
<tr>
<th>S. No</th>
<th>Topic</th>
<th>Minimum No. of Hours</th>
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<tbody>
<tr>
<td>1.</td>
<td>Basic building blocks of Biomedical Equipments</td>
<td>5 hrs</td>
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<td>2.</td>
<td>Bio-medical Instrumentation &amp; Measurement</td>
<td>15 hrs</td>
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<td>3.</td>
<td>Diagnostic &amp; Analytical equipment (ECG machine, PH meter, BP)</td>
<td>20 hrs</td>
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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