

## Operation of Physiotherapy Equipment (Level 1)

**Name of the Module** : *Operation of Physiotherapy Equipment (Level 1)*

**Sector** : **Electronics**

**Code** : **ELC117**

**Duration** : **120 Hrs**

**Entry qualification** : **8<sup>th</sup> std pass with age atleast 14 years.**

**Terminal competency** : **Should be able to “Operate the Physiotherapy Instruments”**

### **Contents**

<b>Practical Competencies</b>	<b>Underpinning Knowledge (Theory)</b>
1. Practice procedures for safety and health hazards measures Prepare patient for physiotherapy treatment	<ul style="list-style-type: none"><li>• Electrical and personal safety, dangers and preventions</li><li>• Preparation of patient</li><li>• Transcutaneous electrical nerve stimulation – uses, positioning of electrodes, intensity, working of TENS, construction, front panel controls, operation procedure</li></ul>
2. Operate TENS Machine	
3. Operate Interferential therapy Instrument	<ul style="list-style-type: none"><li>• Interferential therapy – working</li></ul>
4. Operate short-wave diathermy machine	<ul style="list-style-type: none"><li>• Methods of heating the tissues – direct and indirect methods</li></ul>
5. Operate and maintain UV light system	<ul style="list-style-type: none"><li>• Short-wave diathermy – use, construction, front panel controls, operation procedure</li></ul>
6. Operate Ultrasound diathermy machine	<ul style="list-style-type: none"><li>• Ultrasound diathermy – use, construction, front panel controls, operation procedure</li><li>• Ultra violet radiation - use, construction, front panel controls, operation procedure</li></ul>

### **Resources**

1. Tens
2. Interferential Therapy Machine
3. Short-Wave Diathermy
4. Ultrasound Diathermy
5. UV Light System