

## **ELECTROTHERAPY**

The Electrotherapy Department is an integral part of the physiotherapy curriculum, providing students with in-depth knowledge and hands-on experience in the application of various electrotherapeutic modalities. The department is well-equipped with modern physiotherapy equipment to facilitate clinical practice and enhance patient care.

### **GOALS**

1. To develop expertise in the use of electrotherapy for pain management, rehabilitation, and functional restoration.
2. To integrate theoretical knowledge with practical application for evidence-based physiotherapy practice.
3. To train students in safe and effective use of electrotherapeutic modalities in clinical settings.

### **OBJECTIVE**

1. To provide students with a strong foundation in the principles and applications of electrotherapy.
2. To ensure competency in handling electrotherapy equipment for musculoskeletal, neurological, and sports rehabilitation.
3. To enhance critical thinking and clinical decision-making skills related to electrotherapy interventions.
4. To promote research and innovation in electrotherapy applications for physiotherapy practice.

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## **TEACHING-LEARNING STRATEGIES**

1. **Lectures & Demonstrations** – Interactive sessions by experienced faculty on fundamental and advanced concepts of electrotherapy
2. **Hands-on Practical Training** – Supervised practice on electrotherapy modalities in laboratory and clinical settings
3. **Case-Based Learning** – Real-world case discussions to improve clinical reasoning and patient-centered application
4. **Workshops & Seminars** – Special sessions by experts to update students on the latest advancements in electrotherapy
5. **Clinical Exposure** – Integration of electrotherapy techniques in patient care under faculty supervision
6. **Research & Evidence-Based Learning** – Encouraging students to engage in research projects and review scientific literature
7. **Objective Structured Practical Examination (OSPE)** -To ensure objective evaluation by using structured stations that test various competencies in a controlled environment
8. **Objective Structured Clinical Examination (OSCE)** - To evaluate practical skills, clinical reasoning, and patient interaction through a series of standardized stations, ensuring fair and comprehensive assessment.