



## **Department of Mechatronics Engineering**

**Course Name: Medical Mechatronics**

**Class: BE Mechatronics Engineering**

**Course Code: 417544 B (2019 Course)**

### **Course Outcomes:**

On completion of the course, the students will be able to

1. Select proper electrodes and electrolyte for different measurement of parameters.
2. Explain the principle and working of any biomedical equipment.
3. Identify different types of biomedical unit for measurement and analysis techniques.
4. Design suitable orthotic and prosthetic devices and applications
5. Explain the working of different imaging techniques in Biomedical Engineering
6. Demonstrate the significance of safety, telemetry and hospital information system in biomedical Instrumentation.