

Course Structure

3rd Sem

Engineering Physiology & Anatomy
Biophysical Signals & Systems
Circuit Theory
Biomechanics-I (Solid)
Mathematics
Innovations & Technical Skill Development

4th Sem

Biomaterials
Biomechanics-II (Fluid)
Analog & Digital Electronics
Physics
Economics for Engineers
Environmental Science
Hospital Training



Course Structure

5th Sem

Biomedical Instrumentation
Biosensors & Transducers
Medical Imaging Techniques
Principles of Management
Biophysics & Biochemistry
Data Structure & Algorithm

6th Sem

Biomedical Digital Signal Processing
Analytical & Diagnostic Equipments
Advanced Imaging Systems
Communication Systems & Biotelemetry
Microprocessors & Microcontrollers
Industrial Training





Course Structure

7th Sem

Therapeutic Equipments
Values & Ethics in Profession
Medical Image Processing
Biological Control System
Bioheat & Mass Transfer
Laser and Fiber Optics in Medicine

8th Sem

Artificial Organ & Rehabilitation Engineering
Radiotherapy & Nuclear Medicine
Biomedical Equipment Management
Hospital Engineering & Management
Major Project