**Component of CT and Mammography** **BVORAD-303**

**UNIT 1**

Types of CT scan Equipment, Conventional CT Scanning (CCT),Spiral/Helical CT Multi Slice CT, Electron Beam Computed Tomography,Mobile Computed Tomography,Importance of various types of CT, Differences between various types,Indication of a particular type

**UNIT-2**

Major systems of a CT scanner,Instrumentation, Image Display, Room Layout for CT Equipment,CT gantry (including the x-ray tube and generator, as well as the data acquisitions system), and thebasic features of the patient table., CT computer and image processing system,Image display, storage, and recording in CT, Main components of a CT control console, Several hardware and software options for CT, Accessories for use in CT, Modular Design Concept, Operating Modes of the Scanner, Typical Room Layout for a CT Scanner Major technical specifications and features of a CT scanner.

**UNIT -3**

Details of Mammography Equipment., Room Layout Mammography equipment.