**Doppler Ultrasound and PET Scan BVORAD-503**

**UNIT-1**

Basics of Ultrasound

1. Ultrasound Imaging Artifacts

2. Transducer and Machines

3. Ultrasound Physics

**UNIT-2**

1. Doppler

2. The Ultrasound Scanning Room

**UNIT-3**

Indications, Technique, Preparation, Scanning Techniques of -

Abdomen

Abdominal Aorta

Inferior Vena Cava

Liver

Gall Bladder and Biliary Duct

Pancreas

Spleen

Peritoneal Cavity and Gastrointestinal Tract

**UNIT -4**

Scrotum and Testis

Urinary Bladder

Kidneys and Ureter

Neonates`

Neck

Ultrasound Guided Needle Puncture