Interventional Radiography BVORAD-502

**UNIT-1**

**1. Interventional Radiology**

Definition of Interventional Radiology

Indication for various Interventional procedures

Clinical Application : Disease diagnosis, Severity interpretation

Name of different type of procedure

**UNIT-2**

**1.Equipment used in various interventional procedures**

C-arm equipment: Instrumentation and working procedure

Catheters: Classification, Catheters used for different studies, Balloon angioplasty catheters, Sterilization of catheters, Guide wires

2. Angiography (Cerebral, Peripheral, Visceral

a) Anatomy of blood vessels

b) Definition, Indication and Contraindication , Patient preparation and Contraindication

b) Direct needle puncture , Catheter angiography

**UNIT-3**

**1. ANAESTHESIA AND EMERGENCY DRUGS USED IN DIAGNOSTIC RADIOLOGY**

Facilities regarding general Anaesthesia in the X-ray Department

**2. Anaesthetic Problems associated with specific technique**

a)Vascular Studies

b) Carotid Angiography c) Venography

**UNIT-4**

Sterile Techniques in angiography procedures