Curriculum for

Post-Doctoral Fellowship Course

In

**Cardiovascular Radiology**

****

**SRI AUROBINDO UNIVERSITY**

SAIMS HOSPITAL CAMPUS, Indore Ujjain, State Highway, Bhawrasla, Indore, Madhya Pradesh 453555

# FELLOWSHIP IN Cardiovascular Radiology

**SYLLABUS**

**Course Objectives:**

**At the end of one year the candidate should have achieved the following:**

**Should be well acquainted with the current literature on relevant aspects of the basic, investigative, clinical and cardiovascular sciences.**

**Should have acquired performance skills and ability to interpret relevant clinical investigations.**

**Should be able to diagnose, plan investigations and treat common conditions in the specialty by relevant current therapeutic methods.**

**Should have learned indications and performance skills of common vascular interventional procedures (biliary drainage, embolisation, tumor ablation etc).**

**Should be acquainted with allied and general clinical disciplines to guide appropriate and timely referral.**

**Should be capable of imparting basic cardiovascular teaching, training and research.**

**Provide clear, concise, and informative reports that are clinically relevant. They will notify referring clinicians of urgent and emergent findings in a timely fashion and document appropriately.**

**Become proficient in the use of picture archiving computer systems (PACS), online clinical document system, and other computer-based modalities.**

**Demonstrate professional behavior at all times, adhering to ethical principles and demonstrating sensitivity.**

**TRAINING SCHEDULE:**

State-of-the-art equipment includes 64-slice CT, 1.5-T MRI, PET/CT, Gamma Imaging, digital radiography, US, Digital Mammography, Perfusion MRI , MR Spectroscopy. DSA Intervention lab

#### The Fellow will have rotation in the following areas:

Xray ,Special Investigation 1 months

Ultrasound Doppler 1 months (1 month compulsory & 1 month optional; if not done, extra month added into other areas)

CT Scan 4 months

MRI Scan 3 months

INTERVENTION 3 months

* 64 Slice CT : Three sessions per week
* 1.5T MRI : three sessions per week
* Ultrasound : two session per week
* Xray : Three session per week
* Nuclear Medicine (PET CT & GammaCT) : one sessions per week
* Flexible session for simple imaging-guided interventional procedures
* General cross section radiology (reporting / procedures) : three session per week
* Study / meetings : one session per week
* Research / audit : one session per week