

HONORS
QUANTITATIVE PHYSIOLOGY/RADIOLOGICAL TECHNIQUES

PBM3D001/PBM3D002

PBM3D002 **RADIOLOGICAL TECHNIQUES**

Module-1

Introduction to surface anatomy (peripheral and visceral landmarks), X-Ray machine: working principle, components, image enhancement parameters and their control;

Module-2

CT Scan: Working principle, components, types of CT; MRI scanner: Working principle, components and image enhancement parameters; USG Scanner: Working principle, components and introduction to color doppler, PET scan: Working principle;

Module-3

Cardiac Imaging Procedures: cardiac MRI, cardiac CT/PET scan (introduction only); Breast and Women's imaging procedure: DEXA scan, Mammogram and perinatal USG (introduction only); Nuclear Medicine and its uses.