



"बेटी बचाओ, बेटी पढ़ाओ"

**JAYOTI VIDYAPEETH WOMEN'S UNIVERSITY, JAIPUR**  
**Faculty of Physiotherapy & Diagnostics**

**Faculty Name** : JV'n SHIFALI BAGRIYA, Lecturer  
**Department Name** : Radiation technology  
**Program Name** : B.Sc. RT  
**Semester** : Vth SEM  
**Course/Subject Name** : Modern Imaging in Diagnosis

<b>Sr.No.</b>	<b>Course Outcome</b>
<b>1</b>	The objective of this course is to provide an understanding of radiologic imaging, X-ray production, the recording system, fluoroscopy and tomographic equipment.
<b>2</b>	The student of the course will be able to develop an insight and knowledge base of the various underlying concepts of construction and working principles of image intensifier.
<b>3</b>	Knowledge of properties, characteristics, quantity and quality of X-ray .
<b>4</b>	This course would be able in processing of latent imaging.
<b>5</b>	Knowledge of portable and mobile equipment used in radio imaging techniques.
<b>6</b>	Demonstrate general characteristic features of fluoroscopic techniques.
<b>7</b>	Demonstrate the role of a radiographer in planning, QA, and radiation protection
<b>8</b>	Maintenance of mobile equipment.
<b>9</b>	Knowledge of doppler USG and its safety precautions.
<b>10</b>	Knowledge to do patient preparation for USG and mammography.