

### B.Sc. Radio Therapy

#### Programme Structure:

Courses	Credits
<b>I Semester</b>	
Anatomy	4
Physiology	4
Biochemistry	4
Basic Physics	3
Constitution of India	2
<b>II Semester</b>	
General pathology	4
Radiation Physics	4
Radiation Quantities and Detection	4
English	4
Environmental Science	2
Multi-disciplinary elective	3
<b>III Semester</b>	
Basic Radiographic Imaging	4
Radiobiology	4
Radiotherapy Equipment	4
Clinical Practice - Radiotherapy - I	4
Clinical Practice - Radiotherapy - II	4
Hindi	2
Human rights and Gender equity	2

<b>IV Semester</b>	
Patient Immobilization & Mould room techniques	4
Modern Radiography Imaging and Applications	4
Basic Oncology	4
Clinical Practice- Radiotherapy - III	4
Clinical Practice- Radiotherapy - IV	4
Kannada	2
Multi-disciplinary elective	3
<b>V Semester</b>	
Physics of Radiotherapy and Brachytherapy	4
Management of Various Malignancies	4
Patient Care in Radiotherapy	4
Clinical Practice-Radiotherapy-V	4
Clinical Practice-Radiotherapy-VI	4
Medical Ethics	2
<b>VI Semester</b>	
Recent Advances in Radiotherapy	4
Radiation Protection and Safety	4
Quality Assurance	4
Clinical Practice-Radiotherapy-VII	4
Clinical Practice-Radiotherapy-VIII	4
Biostatistics	2
Multi-disciplinary elective	3