

Radiology & Imaging Technology (3 Years / 6 Semesters)

Program: Bachelor of Vocation in Radiology & Imaging Technology

Duration: 3 Years (6 Semesters)

Eligibility: 10+2 (Science preferred)

Total Credits: 120–140 (varies by university)

Note: Subject codes vary by university. The following is a standard university-style syllabus with sample subject codes.

Semester I

Subject Code	Subject Name
RIT101	Human Anatomy
RIT102	Human Physiology
RIT103	Basics of Radiology
RIT104	Medical Terminology
RIT105	Fundamentals of Healthcare
RIT106	Communication Skills
RIT107P	Radiology Practical-I

Semester II

Subject Code	Subject Name
RIT201	Pathology
RIT202	Microbiology

Subject Code	Subject Name
RIT203	Radiation Physics
RIT204	Radiographic Techniques
RIT205	Computer Fundamentals
RIT206	Environmental Studies
RIT207P	Radiology Practical-II

Semester III

Subject Code	Subject Name
RIT301	Conventional Radiography
RIT302	Contrast Procedures
RIT303	Radiation Protection & Safety
RIT304	Imaging Equipment Technology
RIT305	Patient Care Management
RIT306	Soft Skills Development
RIT307P	Clinical Training-I

Semester IV

Subject Code	Subject Name
RIT401	Computed Tomography (CT)
RIT402	Magnetic Resonance Imaging (MRI)

Subject Code	Subject Name
RIT403	Ultrasound Imaging
RIT404	Quality Assurance in Radiology
RIT405	Hospital Management
RIT406	Medical Ethics & Law
RIT407P	Clinical Training-II

Semester V

Subject Code	Subject Name
RIT501	Advanced CT Techniques
RIT502	Advanced MRI Techniques
RIT503	Nuclear Medicine
RIT504	Interventional Radiology
RIT505	Research Methodology
RIT506	Entrepreneurship Development
RIT507P	Clinical Internship-I

Semester VI

Subject Code	Subject Name
RIT601	Digital Radiography & PACS
RIT602	Advanced Diagnostic Imaging

Subject Code	Subject Name
RIT603	Healthcare Quality Management
RIT604	Professional Practice
RIT605	Project Work & Dissertation
RIT606	Viva Voce
RIT607P	Clinical Internship-II