

STUDY & EVALUATION SCHEME OF
BACHELOR OF SCIENCE

IN
RADIOLOGICAL IMAGING TECHNIQUES
(B.Sc. RIT)

[APPLICABLE W.E.F. ACADEMIC SESSION - 2019-20 TILL REVISED]
[As per CHOICE BASED CREDIT SYSTEM (CBCS) guidelines given by UGC]



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COLLEGE OF PARAMEDICAL SCIENCES

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B.Sc. RIT: Three Year (6 Semester) CBCS Programme

Basic Structure : Distribution of Courses

S.No	Type of Course	Credit Hours	Total Credits
1	Core Course (CC)	8 Courses of 3 Credit Hrs. each (Total Credit Hrs. $8 \times 3 = 24$)	24
2	Ability-Enhancement Course (AECC)	4 Courses of 3 Credit Hrs. each (Total Credit Hrs. $4 \times 3 = 12$)	16
		1 Courses of 4 Credit Hrs. each (Total Credit Hrs. $1 \times 4 = 4$)	
3	Discipline Specific Course (DSC)	16 Courses of 3 Credit Hrs. each (Total Credit Hrs. $16 \times 3 = 48$)	60
		3 Courses of 4 Credit Hrs. each (Total Credit Hrs. $3 \times 4 = 12$)	
4	Skill-Enhancement Course (SEC)	15 Courses of 1 Credit Hrs. each (Total Credit Hrs. $15 \times 1 = 15$)	43
		2 Courses of 2 Credit Hrs. each (Total Credit Hrs. $2 \times 2 = 04$)	
		1 Courses of 4 Credit Hrs. each (Total Credit Hrs. $1 \times 4 = 04$)	
		1 Courses of 5 Credit Hrs. each (Total Credit Hrs. $1 \times 5 = 05$)	
		1 Courses of 6 Credit Hrs. each (Total Credit Hrs. $1 \times 6 = 06$)	
		1 Courses of 9 Credit Hrs. each (Total Credit Hrs. $1 \times 9 = 09$)	
5	Open Elective Course (OEC)	1 Courses of 3 Credit Hrs. each (Total Credit Hrs. $1 \times 3 = 03$)	3
6	Compulsory Specified Course (CSC)	1 Course of 3 Credit Hrs. each (Total Credit Hrs. $1 \times 3 = 03$)	3
7	Discipline Specific Elective Course (DSEC)	1 Course of 3 Credit Hrs. each (Total Credit Hrs. $1 \times 3 = 03$)	3
8	Value Added Course (VAC)	2 Courses of 0 Credit Hrs. each (Total Credit Hrs. $2 \times 0 = 0$)	0
9	MOOC Course	2 Courses of 2 Credit Hrs. each (Total Credit Hrs. $2 \times 2 = 04$)	4
TOTAL			156

❖ CHOICE BASED CREDIT SYSTEM (CBCS)

Choice Based Credit System (CBCS) is a versatile and flexible option for each student to achieve his target number of credits as specified by the UGC and adopted by your University.

The following is the course module designed for the B.Sc. RIT program:

- ✓ **Core Course (CC):** Core courses of B.Sc. RIT program will provide a holistic approach to clinical or practical education, giving students an overview of the field, a basis to build and specialize upon. These core courses are the strong foundation to establish radiographic knowledge and provide broad multi-disciplined knowledge can be studied further in depth during the elective phase.

The core courses will provide more practical-based knowledge, case-based lessons and collaborative learning models. It will train the students to analyze, decide, and lead-rather than merely know-while creating a common student experience that can foster deep understanding, develop decision-making ability and contribute to the hospital and community at large.

A wide range of core courses provides groundwork in the basic hospital management disciplines, patient care handling, responsible radiographer, organizational behavior and human resources etc. The integrated foundation is important for students because it will not only allow them to build upon existing skills, but they can also explore career options in a range of industries, and expand their understanding of various fields.

The college offers eight core courses from first to fourth semester during the B.Sc. RIT program. There will be different credits for each core course offered as already described in above table.

- ✓ **Ability Enhancement Compulsory Course (AECC):** As per the guidelines of Choice Based Credit System (CBCS) for all Universities, including the private Universities, the Ability Enhancement Compulsory Course (AECC) is a course designed to develop the ability of students in communication (especially English) and other related courses where they might find it difficult to communicate at a higher level in their prospective job at a later stage due to lack of practice and exposure in the language, etc. Students are motivated to learn the theories, fundamentals and tools of communication which can help them develop and sustain in the corporate environment and culture. The college offers five AECCs from first to fourth semester. Each AECC will be of different credits.

- ✓ **Skill Enhancement Course (SEC):** This course is designed to provide value-based and/or skill-based knowledge. The college offers twenty two SECs from I Semester to VI Semester. Each SEC will carry different credits.

- ✓ **Open Elective Course (OEC):** Open Elective is an interdisciplinary additional subject that is compulsory in the third semester of a program. The score of Open Elective is counted in student's overall aggregate marks under Choice Based Credit System (CBCS). Department offers One Open Elective course of 3 Credits and students will have the choice of taking 1 open elective in Semester V.

Study & Evaluation Scheme

B.Sc. RIT- V Semester

S. NO	CATEGORY	COURSE CODE	COURSE	PERIODS			CREDIT	EVALUATION SCHEME		
				L	T	P		INTERNAL	EXTERNAL	TOTAL
1	DSC-13	BRT-S-501	Magnetic Resonance Imaging	3	-	-	3	40	60	100
2	DSC-14	BRT-S-502	Nuclear Medicine Technology	3	-	-	3	40	60	100
3	DSC-15	BRT-S-503	Patient Care and Management	4	-	-	4	40	60	100
4	DSC-16	BRT-S-504	Interventional Procedure and Techniques	4	-	-	4	40	60	100
5	SEC-16	BRT-S-551	Magnetic Resonance Imaging (Lab)	-	-	2	1	50	50	100
6	SEC -17	BRT-S-552	Nuclear Medicine Technology (Lab)	-	-	2	1	50	50	100
7	SEC-18	BRT-S-553	Clinical Posting	-	-	18	9	50	50	100
8	OEC-1		Open Elective Course	-	-	-	3	As Per University Guidelines		
9		MOOC II		-	-	-	2	-	-	100
Total				14	0	22	30	310	390	800